

OSTI ID	Title	Author	Product Type	Site	Research Org	Publication Date
1244213	Transverse beam dynamics in non-linear Fixed Field Alternating Gradient accelerators	Haj, Tahar M. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Meot, F. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	3/2/2016
1245401	A reload and startup plan for conversion of the NIST research reactor	Diamond, D. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	3/31/2016
1326750	Radar Wind Profiler for Cloud Forecasting at Brookhaven National Laboratory (BNL) Field Campaign Report	Jensen, M. P. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Giangrande, S. E. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	4/1/2016
1326749	Atmospheric System Research Marine Low Clouds Workshop Report, January 27-29,2016	Jensen, M. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Wang, J. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	6/1/2016
1329782	Strategy for alignment of electron beam trajectory in LERec cooling section	Seletskiy, S. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Blaskiewicz, M. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	9/23/2016
1326762	Natural Resource Management Plan	Green, T. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]; Schwager, K. [Brookhaven National Laboratory (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/1/2016
1330502	FY2016 Parameters for gold ions in Booster, AGS, and RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/11/2016
1330503	FY2016 Parameters for deuterons and gold ions in Booster, AGS, and RHIC	Gardner, C. J. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/14/2016
1329799	An Approach for Assessing Consequences of Potential Supply Chain and insider Contributed Cyber Attacks on Nuclear Power Plants	Chu, Tsong-Lun [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Varuttamaseni, Athi [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	11/1/2016
1329800	A Statistical Testing Approach for Quantifying Software Reliability; Application to an Example System	Chu, Tsong-Lun [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Varuttamaseni, Athi [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	11/1/2016
1326761	Overview and analysis of the 2016 Gold Run in the Booster and AGS	Zeno, K. [Brookhaven National Laboratory (BNL), Upton, NY (United States). Alternating Gradient Synchrotron]	TR	BNL	Brookhaven National Laboratory (BNL)	9/16/2016
1329798	AGS vertical beta function measurements for Run 15	Harper, C. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Ahrens, L. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/7/2016
1245379	RHIC FY15 pp Run RHIC and AGS polarization analysis	Huang, H. [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Adams, P. [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	2/20/2016
1326760	A close look at beam aborts with rise times less than 40 ms from the years 2014-2016. Case studies.	Drees, A. [Brookhaven National Laboratory (BNL), Upton, NY (United States). Relativistic Heavy Ion Collider]	TR	BNL	Brookhaven National Laboratory (BNL)	9/14/2016
1330504	Run 16 Tandem gold performance in the injectors and possible improvement with AGS type 6:3:1 bunch merge in the Booster	Zeno, Keith [Brookhaven National Lab. (BNL), Upton, NY (United States)]	TR	BNL	Brookhaven National Laboratory (BNL)	10/21/2016
1255142	The Higgs Portal and Cosmology	Assamagan, Ketevi [Brookhaven National Lab. (BNL), Upton, NY (United States)]; Chen, Chien-Yi [Perimeter Inst. for Theoretical Physics, Waterloo, ON (Canada)]	TR	FNAL	Brookhaven National Laboratory (BNL), Upton, NY (United States); Fermi National Accelerator Laboratory (FNAL)	4/18/2016
1324529	Final Report: Cooling Seasonal Energy and Peak Demand Impacts of Improved Duct Insulation on Fixed-Capacity (SEER 13) and Variable-Capacity (SEER 22) Heat Pumps	Withers, C. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]	TR	NREL	Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)	9/1/2016
1256329	2015 Fermilab Laboratory Directed Research & Development Annual Report	Wester, W. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Lab. (FNAL)	5/26/2016
1250872	TESLA & ILC Cryomodules	Peterson, T. J. [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]; Weisend, Il, J. G. [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/1/2016
1250876	Development and Production of a 201 MHz, 5.0 MW Peak Power Klystron	Aymar, Galen [Communications & Power Industries, Palo Alto, CA (United States)]; Eisen, Edward [Communications & Power Industries, Palo Alto, CA (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/1/2016
1260395	Study of a Docker Use-Case for HEP	Kowalkowski, Jim [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Lyon, Adam [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/1/2016
1250880	Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE): Conceptual Design Report. Volume 3: Long-Baseline Neutrino Facility for DUNE	Strait, James [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]; McCluskey, Elaine [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	1/21/2016
1255140	Instability of a witness bunch in a plasma bubble	Burov, A. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Lebedev, V. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	2/16/2016
1250871	Selected List of Low Energy Beam Transport Facilities for Light-Ion, High-Intensity Accelerators	Prost, L. R. [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	2/17/2016
1250877	Limiting Magnitude, \dot{I}_{lim} , and Image Quality in DES Year 1	Neilsen, Jr., H. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Bernstein, Gary [Univ. of Pennsylvania, Philadelphia, PA (United States)]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	3/3/2016
1250882	The Pierre Auger Observatory Upgrade - Preliminary Design Report	Aab, Alexander [Univ. Siegen (Germany); et al.]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	4/12/2016
1250875	MQXFS1 Quadrupole Design Report	Ambrosio, Giorgio [Fermi National Accelerator Laboratory (FNAL), Batavia, IL (United States); et al.]	TR	FNAL	Fermi National Accelerator Laboratory (FNAL)	4/14/2016

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1255143	Cosmic Visions Dark Energy. Science	Dodelson, Scott [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Heitmann, Katrin [Fermi National Accelerator Lab. (FNAL),	TR	FNAL	Fermi National Accelerator Laboratory	4/26/2016
1255144	Cosmic Visions Dark Energy: Technology	Dodelson, Scott [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]; Heitmann, Katrin [Fermi National Accelerator Lab. (FNAL),	TR	FNAL	Fermi National Accelerator Laboratory	4/26/2016
1255147	2016 Fermilab Laboratory Directed Research & Development Program Plan	Wester, W. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory	5/25/2016
1255145	2014 Fermilab Laboratory Directed Research & Development Program Plan	Wester, W., editor	TR	FNAL	Fermi National Accelerator Laboratory	5/26/2016
1255148	2014 Fermilab Laboratory Directed Research & Development Annual Report	Wester, W. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory	5/26/2016
1250878	Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE): Conceptual Design Report. Volume 4: The DUNE Detectors at LBNF	Acciarri, R. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States)]	TR	FNAL	Fermi National Accelerator Laboratory	1/13/2016
1250879	Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE): Conceptual Design Report. Volume 1: The LBNF and DUNE Projects	Acciarri, R. [Fermi National Accelerator Lab. (FNAL), Batavia, IL (United States); et al.]	TR	FNAL	Fermi National Accelerator Laboratory	1/22/2016
1255141	Recommendations on presenting LHC searches for missing transverse energy signals using simplified s-channel models of dark matter	Boveia, Antonio [European Organization for Nuclear Research (CERN), Geneva (Switzerland); Antwerp Univ., Wilrijk (Belgium)]; Buchmueller,	TR	FNAL	Fermi National Accelerator Laboratory	3/14/2016
1259949	High Temperature Fuel Cladding Chemical Interactions Between TRIGA Fuels and 304 Stainless Steel	Perez, Emmanuel [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Keiser, Jr., Dennis D. [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2016
1261231	AGR-1, AGR-2 and AGR-3/4 Dimensional Change Data Analysis	Herberger, Sarah E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2016
1262487	Tests to Reduce TorreCatã,ç Technology to Practice	Westover, Tyler [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Emerson, Rachel Marie [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/26/2016
1261241	Improved Quasi-Static Method: IQS Method Implementation for CFEM Diffusion in Rattlesnake	Prince, Zachary M. [Texas A & M Univ., College Station, TX (United States). Dept. of Nuclear Engineering]; Ragusa, Jean C. [Texas A & M Univ.,	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/29/2016
1261240	Measured Thermal and Fast Neutron Fluence Rates for ATF-1 Holders During ATR Cycle 157D	Smith, Larry Don [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Miller, David Torbet [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262486	Drive Electric Vermont Case Study	Wagner, Fred [Energetics Incorporated, Columbia, MD (United States)]; Roberts, Dave [Vermont Energy Investment Corporation (VEIC), Burlington,	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262488	RELAP-7 Theory Manual	Berry, Ray Alden [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zou, Ling [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhao,	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262489	RELAP-7 Pressurizer Component Development Updates	Zhao, Haihua [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhang, Hongbin [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262490	Glovebox Advanced Casting System Casting Optimization	Fielding, Randall Sidney [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262491	Digital Architecture Planning Model	Oxstrand, Johanna Helene [Idaho National Lab. (INL), Idaho Falls, ID (United States). Light Water Reactor Sustainability Program (LWRS)]; Al	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262493	Milestone report on MD potential development for uranium silicide	Yu, Jianguo [Idaho National Lab. (INL), Idaho Falls, ID (United States). Fuel Modeling and Simulation Dept.]; Zhang, Yongfeng [Idaho National Lab. (INL),	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1262492	R&D Plan for RISMC Industry Application #1: ECCS/LOCA Cladding Acceptance Criteria	Szilard, Ronaldo Henriques [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Zhang, Hongbin [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Lab. (INL), Idaho Falls,	4/1/2016
1263500	A kinematically complete, interdisciplinary, and co-institutional measurement of the $\langle \sigma_{\text{tot}} \rangle$ cross section for nuclear safeguards science	Peters, W. A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States); Univ. of Tennessee, Knoxville, TN (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	5/1/2016
1313939	A Well-Posed Two Phase Flow Model and its Numerical Solutions for Reactor Thermal-Fluids Analysis	Kadioglu, Samet Y. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Berry, Ray [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	8/1/2016
1333230	Evaluation of Erosion of the Dummy Plate 19 in YA Type ATR Fuel Element During Reactor PALM Cycles	Brower, Jeffrey O. [Idaho National Lab. (INL), Idaho Falls, ID (United States). Advanced Test Reactor]; Glazoff, Michael V. [Idaho National Lab. (INL),	TR	INL	Idaho National Lab. (INL), Idaho Falls,	8/1/2016
1333156	Status on the Component Models Developed in the Modelica Framework: High-Temperature Steam Electrolysis Plant & Gas Turbine Power Plant	Suk Kim, Jong [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; McKellar, Michael [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Lab. (INL), Idaho Falls,	10/1/2016
1261239	Performance Criteria for Capture and/or Immobilization Technologies	Jubin, R. T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bruffey, S. H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	INL	Idaho National Lab. (INL), Idaho Falls,	2/1/2016
1333006	Nuclear-Renewable Hybrid Energy Systems: 2016 Technology Development Program Plan	Bragg-Sitton, Shannon M. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Boardman, Richard [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Lab. (INL), Idaho Falls,	3/1/2016
1238542	Strategies, Protections and Mitigations for Electric Grid Affets from Electro-Magnetic Pulse	Foster, Rita Ann [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Frickey, Steven Jay [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho	1/1/2016

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1238543	High Temperature Gas-Cooled Test Reactor Point Design: Summary Report	Sterbentz, James William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bayless, Paul David [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1239881	Online Monitoring of Induction Motors	McJunkin, Timothy R. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Agarwal, Vivek [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1244641	Proctor and gamble technology process assessment for bioenergy production	Hu, Hongqiang [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Boardman, Richard Doin [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1260448	2014 APCI Glovebox Event Executive Summary	Campbell, Joseph Lenard [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1260450	Idaho National Laboratory Technology to Market (T2M) Final Report	Wright, Christopher Todd [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bush, Jason William [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1260454	GNS Castor V/21 Headspace Gas Sampling 2014	Winston, Philip Lon [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/1/2016
1245531	Silicon Carbide Temperature Monitor Processing Improvements. Status Report	Unruh, Troy Casey [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Daw, Joshua Earl [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	1/29/2016
1245532	RAVEN Beta Release	Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Alfonsi, Andrea [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1245533	RAVEN User Manual	Mandelli, Diego [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260449	2015 Annual Wastewater Reuse Report for the Idaho National Laboratory Site's Central Facilities Area Sewage Treatment Plant	Lewis, Michael George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260451	2015 Groundwater Radiological Monitoring Results Associated with the Advanced Test Reactor Complex Cold Waste Ponds	Lewis, Michael George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260452	2015 Annual Reuse Report for the Idaho National Laboratory Site's Advanced Test Reactor Complex Cold Waste Ponds	Lewis, Michael George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260459	Enhanced Component Performance Study: Motor-Driven Pumps 1998-2014	Schroeder, John Alton [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260464	Readiness Review of BWXT for Fabrication of AGR-5/6/7 TRISO Particles	Marshall, Douglas William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Sharp, Michelle Tracy [Idaho National Lab. (INL), Idaho	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260466	First-of-A-Kind Control Room Modernization Project Plan	Thomas, Kenneth David [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1260880	AGR-1 Compact 4-1-1 Post-Irradiation Examination Results	Demkowicz, Paul Andrew [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Harp, Jason M. [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1314469	HOMER Economic Models - US Navy	Bush, Jason William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Myers, Kurt Steven [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	2/1/2016
1239883	Laboratory Directed Research and Development FY-15 Annual Report	Pillai, Rekha Sukumar [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1245534	Snapshot Fiscal Year 2015 Laboratory Directed Research and Development	Pillai, Rekha Sukumar [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260447	Implementation Plan for Qualification of Sodium-Cooled Fast Reactor Technology Information	Moe, Wayne [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Honma, George [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260453	High Temperature Gas-Cooled Test Reactor Point Design: Summary Report	Sterbentz, James William [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bayless, Paul David [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260455	Idaho National Laboratory Quarterly Occurrence Analysis - 1st Quarter FY 2016	Mitchell, Lisbeth Ann [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260462	Off-Gas Adsorption Model Capabilities and Recommendations	Lyon, Kevin L. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Welty, Amy K. [Idaho National Lab. (INL), Idaho Falls, ID (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260463	Multi-Column Experimental Test Bed Using CaSDB MOF for Xe/Kr Separation	Welty, Amy Keil [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Greenhalgh, Mitchell Randy [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260465	AGR-3/4 Irradiation Test Train Disassembly and Component Metrology First Look Report	Stempien, John Dennis [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Rice, Francine Joyce [Idaho National Lab. (INL), Idaho Falls, ID	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1261013	Grizzly Usage and Theory Manual	Spencer, B. W. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Backman, M. [Univ. of Tennessee, Knoxville, TN (United States)];	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1261014	Development plan for the External Hazards Experimental Group. Light Water Reactor Sustainability Program	Coleman, Justin Leigh [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Smith, Curtis Lee [Idaho National Lab. (INL), Idaho Falls, ID (United	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016

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1261041	Proposed Risk-Informed Seismic Hazard Periodic Reevaluation Methodology for Complying with DOE Order 420.1C	Kammerer, Annie [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	3/1/2016
1260461	Selection of Nuclear Fuel for TREAT: UO ₂ vs U ₃ O ₈	Glazoff, Michael Vasily [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Van Rooyen, Isabella Johanna [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2016
1261012	High-Temperature Gas-Cooled Test Reactor Point Design	Sterbentz, James William [Idaho National Laboratory]; Bayless, Paul David [Idaho National Laboratory]; Nelson, Lee Orville [Idaho National Laboratory]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2016
1261015	Superficial Velocity Effects on HZ-PAN and AgZ-PAN for Kr/Xe Capture	Welty, Amy Keil [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Garn, Troy Gerry [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	4/1/2016
1260312	RAVEN Theory Manual	Alfonsi, Andrea [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Rabiti, Cristian [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory (INL), Idaho Falls, ID (United States)	6/1/2016
1330693	Thermal Properties of G-348 Graphite	McEligot, Donald [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Swank, W. David [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	5/1/2016
1289848	Criticality safety evaluation for the Advanced Test Reactor enhanced low enriched uranium fuel elements	Montierth, Leland M. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	7/19/2016
1331323	Computer Based Procedures for Field Workers - FY16 Research Activities	Oxstrand, Johanna [Idaho National Lab. (INL), Idaho Falls, ID (United States)]; Bly, Aaron [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States)	9/1/2016
1334495	Generation and Use of Thermal Energy in the U.S. Industrial Sector and Opportunities to Reduce its Carbon Emissions	McMillan, Collin; Boardman, Richard; McKellar, Michael; Sabharwall, Piyush; Ruth, Mark; Bragg-Sitton, Shannon	TR	INL	Idaho National Laboratory, Idaho Falls, ID (United States); National Renewable Energy Laboratory	11/1/2016
1332540	Coordinating Demand-Side Efficiency Evaluation, Measurement and Verification Among Western States: Options for Documenting Energy and Non-Energy Impacts for	Schiller, Steven R. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Schwartz, Lisa C. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	6/22/2016
1326827	Use and engineering of efflux pumps for the export of olefins in microbes	Mukhopadhyay, Aindrila [Joint BioEnergy Inst. (JBEI), Emeryville, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/14/2016
1274412	Global Sensitivity and Data-Worth Analyses in iTOUGH2: User's Guide	Wainwright, Haruko Murakami [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States). Earth Sciences Division]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/15/2016
1332541	Analysis of Fuel Cell Markets in Japan and the US: Experience Curve Development and Cost Reduction Disaggregation	Wei, Max [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Smith, Sarah J. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/15/2016
1274416	Cross-scale Efficient Tensor Contractions for Coupled Cluster Computations Through Multiple Programming Model Backends	Ibrahim, Khaled Z. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States). Computational Research Division]; Epifanovsky, Yury [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	7/26/2016
1332326	DR Argillite Disposal R&D at LBNL	Zheng, Liange [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Kim, Kunhwi [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	8/12/2016
1332539	Planning for a Distributed Disruption: Innovative Practices for Incorporating Distributed Solar into Utility Planning	Mill, Andrew [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	8/19/2016
1332329	Low-Probability High-Consequence (LPHC) Failure Events in Geologic Carbon Sequestration Pipelines and Wells: Framework for LPHC Risk Assessment Incorporating Spatial	Oldenburg, Curtis M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Budnitz, Robert J. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	8/31/2016
1332325	Site Environmental Report for 2015	Pauer, Ron O. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Baskin, David A. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)	9/30/2016
1235087	Statistical Projections for Multi-resolution, Multi-dimensional Visual Data Exploration and Analysis	Nguyen, Hoa T. [Univ. of Utah, Salt Lake City, UT (United States)]; Stone, Daithi [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	1/1/2016
1249186	Accelerating Energy Efficiency in Indian Data Centers. Final Report for Phase I Activities	Ganguly, Suprotim [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Raje, Sanyukta [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	1/1/2016
1237686	Rendering and Compositing Infrastructure Improvements to Visit for Insitu Rendering	Loring, Burlen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Ruebel, Oliver [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	1/28/2016
1236443	Energy Savings Lifetimes and Persistence	Hoffman, Ian M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Schiller, Steven R. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	2/1/2016
1332135	An XML-hierarchical data structure for ENSDF	Hurst, Aaron M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	3/15/2016
1249188	U.S. Renewables Portfolio Standards: 2016 Annual Status Report	Barbose, Galen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/1/2016
1249499	Commercial Discount Rate Estimation for Efficiency Standards Analysis	Fujita, K. Sydney [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/13/2016
1247476	User Instructions for the Policy Analysis Modeling System (PAMS)	McNeil, Michael A.; Letschert, Virginie E.; Van Buskirk, Robert D.	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/15/2016
1249184	Sustainable Energy Solutions for Rural Alaska	Allen, Riley [Regulatory Assistance Project, Montpelier, VT (United States)]; Brutkoski, Donna [Regulatory Assistance Project, Montpelier, VT (United States)]	TR	LBNL	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)	4/22/2016

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1249500	DNA Everywhere. A Guide for Simplified Environmental Genomic DNA Extraction Suitable for Use in Remote Areas	Pecora, Gabrielle N. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Reid, Francine C. [Lawrence Berkeley National Lab.	TR	LBNL	Lawrence Berkeley National Laborator	5/1/2016
1311630	GeoT Userâ€™s Guide, A Computer Program for Multicomponent Geothermometry and Geochemical Speciation, Version 2.1	Spycher, Nicolas [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Peiffer, Loic [Lawrence Berkeley National Lab. (LBNL), Berkeley,	TR	LBNL	Lawrence Berkeley National Laborator	6/6/2016
1328750	Cooperative Institute for Research in the Atmosphere (CIRA) Requirements Review	Zurawski, Jason, W; Mace, Kathryn, P	TR	LBNL	Lawrence Berkeley National Laborator	8/11/2016
1306290	Deep Borehole Field Test Research Activities at LBNL	Dobson, Patrick [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Tsang, Chin-Fu [Lawrence Berkeley National Lab. (LBNL),	TR	LBNL	Lawrence Berkeley National Laborator	8/19/2016
1306333	Laboratory Experiments on Bentonite Samples: FY16 Progress	Tinnacher, Ruth M. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Tournassat, Christophe [Lawrence Berkeley	TR	LBNL	Lawrence Berkeley National Laborator	8/22/2016
1306332	Thermodynamic Studies to Support Actinide/Lanthanide Separations	Rao, Linfeng [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laborator	9/4/2016
1306331	Thermodynamic Studies to Support Extraction of Uranium from Seawater	Rao, Linfeng [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laborator	9/12/2016
1332134	TOGA: A TOUGH code for modeling three-phase, multi-component, and non-isothermal processes involved in CO ₂ -based Enhanced Oil Recovery	Pan, Lehua [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States); Univ. of California, Berkeley, CA (United States)];	TR	LBNL	Lawrence Berkeley National Laborator	10/10/2016
1332747	Enhanced Mixed Feedstock Processing Using Ionic Liquids	Simmons, Blake A [Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (United States)]	TR	LBNL	Lawrence Berkeley National Laborator	10/22/2016
1329711	A Portable Cryo-Plunger for Cryogenic Microscopy Sample Preparation in Natural Environments	Comoli, Luis [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Duarte, Robert [Lawrence Berkeley National Lab. (LBNL),	TR	LBNL	Lawrence Berkeley National Laborator	10/24/2016
1329713	Berkeley Lighting Cone	Lask, Kathleen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Gadgil, Ashok [Lawrence Berkeley National Lab. (LBNL),	TR	LBNL	Lawrence Berkeley National Laborator	10/24/2016
1332131	Current Practices in Efficiency Financing: An Overview for State and Local Governments	Leventis, Greg [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Fadronc, Emily Martin [Lawrence Berkeley National Lab.	TR	LBNL	Lawrence Berkeley National Laborator	11/1/2016
1236132	Multigrid Reduction in Time for Nonlinear Parabolic Problems	Falgout, R. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Manteuffel, T. A. [Univ. of Colorado, Boulder, CO (United	TR	LLNL	Lawrence Livermore National Lab. (LL	1/4/2016
1240983	Performance Analysis, Modeling and Scaling of HPC Applications and Tools	Bhatele, Abhinav [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	1/13/2016
1253686	SPE5 Sub-Scale Test Series Summary Report	Vandersall, Kevin S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Reeves, Robert V. [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Lab. (LL	1/14/2016
1239182	Science & Technology Review January/February 2016	Orme, C. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, C. N. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	1/18/2016
1239221	Multiframe, Single Line-of-Sight X-Ray Imager for Burning Plasmas	Baker, Kevin L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	1/28/2016
1239195	AlignCT: Fine alignment for x-ray computed tomography systems	Divin, C. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/1/2016
1239196	Working Group on Virtual Data Integration	Williams, D. N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Palanisamy, G. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239198	Milestone Report - Level-2 Milestone 5589: Modernization and Expansion of LLNL Archive Disk Cache	Shoopman, J. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239218	2015 Cross-Domain Deterrence Seminar Bibliography	Juarez, Anthony [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239230	Parallel-In-Time For Moving Meshes	Falgout, R. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Manteuffel, T. A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/4/2016
1239176	Mechanism for Clastogenic Activity of Naphthalene. Quarterly Technical Progress Report	Buchholz, B. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/5/2016
1239220	Final Report: Spectral Analysis of L-shell Data in the Extreme Ultraviolet from Tokamak Plasmas	Lepson, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Jernigan, J. Garrett [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/5/2016
1239197	Environmental Monitoring Plan - February 2016	Gallegos, G. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bertoldo, N. A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/8/2016
1241964	SW21 Summary Report	Juarez, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LL	2/10/2016
1239214	ROPE: Recoverable Order-Preserving Embedding of Natural Language	Widemann, David P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wang, Eric X. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LL	2/11/2016

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1256433	Summary of Building Protection Factor Studies for External Exposure to Ionizing Radiation	Dillon, Michael B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kane, Jave [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/17/2016
1240975	Solving Graph Laplacian Systems Through Recursive Bisections and Two-Grid Preconditioning	Ponce, Colin [Cornell Univ., Ithaca, NY (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/18/2016
1240981	Ignition and Growth Reactive Flow Model for IMX-101	Tarver, Craig M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/19/2016
1241939	Analysis of 2015 Meteorological Data from the Bettis Atomic Power Laboratory	Aluzzi, F. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/19/2016
1241945	Analysis of 2015 Meteorological Data from the Knolls Atomic Power Laboratory and Kesselring Site Operations Facilities	Aluzzi, F. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/19/2016
1240930	MULTILEVEL MONTE CARLO (MLMC) SIMULATIONS: PERFORMANCE RESULTS FOR SPE10 (XY SLICES)	Kalchev, Delyan [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/26/2016
1240926	MacBurn's cylinder test problem	Shestakov, Aleksei I. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/29/2016
1240990	Final Report (BMW Project No.: 02 E 10971): Joint project: Retention of radionuclides relevant for final disposal in natural clay rock and saline systems - Subproject 2: Geochemical	Schmeide, Katja [Helmholtz-Zentrum Dresden, (Germany). Inst. of Resource Ecology]; Fritsch, Katharina [Helmholtz-Zentrum Dresden,	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	2/29/2016
1241949	The MIDAS touch for Accurately Predicting the Stress-Strain Behavior of Tantalum	Jorgensen, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/2/2016
1241980	Lawrence Livermore National Laboratory Experimental Test Site (Site 300) Potable Water System Operations Plan	Ocampo, Ruben P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bellah, Wendy [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/4/2016
1241967	Some Thoughts on the Role of non-LTE Physics in ICF	Colvin, J. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/7/2016
1253674	Working Group on Virtual Data Integration	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/7/2016
1259775	Scanning Electron Microscopy (SEM) Procedure for HE Powders on a LEO 438VP System	Zaka, Fowzia [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States). Energetic Materials Center]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/8/2016
1241976	Load Deflection of Dow Corning SE 1700 Face Centered Tetragonal Direct Ink Write Materials: Effect of Thickness and Filament Spacing	Small, Ward [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Pearson, Mark A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/9/2016
1241981	Load Deflection of Dow Corning SE 1700 Simple Cubic Direct Ink Write Materials: Effect of Thickness and Filament Spacing	Small, Ward [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Pearson, Mark A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/9/2016
1247286	Laser Propagation in Nanostructured Ultra-Low-Density Materials	Fournier, K. B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Colvin, J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/15/2016
1248296	Evaluation of the Fluence Conversion Factor for ^{32}P in Sulfur	Wong, C. T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/18/2016
1247281	Polarimetric ISAR: Simulation and image reconstruction	Chambers, David H. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1248275	Status of Indirect Drive ICF Experiments on the National Ignition Facility	Dewald, E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1259748	Scanning Electron Microscopy (SEM) Procedure for HE Powders on a LEO 438VP System	Zaka, Fowzia [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States). Energetic Materials Center]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1259757	California GAMA Special Study: Importance of River Water Recharge to Selected Groundwater Basins	Visser, Ate [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Moran, Jean E. [California State Univ. East Bay (CalState),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/21/2016
1254390	Characterization of low concentration uranium glass working materials	Eppich, G. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wimpenny, J. B. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/22/2016
1248284	A New Approach to Charged Particle Slowing Down and Dispersion	Stevens, David E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/24/2016
1247278	Probabilistic Seismic Hazards Update for LLNL	Menchawi, O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Fernandez, A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/30/2016
1248278	Developing a Learning Algorithm-Generated Empirical Relaxer	Mitchell, Wayne [Univ. of Colorado, Boulder, CO (United States). Dept. of Applied Math]; Kallman, Josh [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	3/30/2016
1252630	Neutron Spectra, Fluence and Dose Rates from Bare and Moderated Cf-252 Sources	Radev, Radoslav P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/1/2016
1253685	5th Annual Earth System Grid Federation	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/1/2016

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1248270	White Paper on Nuclear Astrophysics and Low Energy Nuclear Physics - Part 1. Nuclear Astrophysics	Arcones, Almudena [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Escher, Jutta E. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/4/2016
1255186	Science & Technology Review April/May 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, Caryn N. [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/6/2016
1248302	Passive seismic investigation of Harrat Rahat	Mellors, Robert J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/7/2016
1329357	Resource for the Development of Biomedical Accelerator Mass Spectrometry (AMS)	Turteltaub, K. W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bench, G. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/8/2016
1248318	Air Blasts from Cased and Uncased Explosives	Glenn, L. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/12/2016
1332474	DOE Centers of Excellence Performance Portability Meeting	Neely, J. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	4/21/2016
1256443	Method to Compute CT System MTF	Kallman, Jeffrey S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/3/2016
1254393	Livermore Accelerator Source for Radionuclide Science (LASRS)	Anderson, Scott [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bleuel, Darren [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/5/2016
1256434	LLNL contributions to ANL Report ANL/NE-16/6 "Sharp User Manual"	Solberg, J. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1256452	Fabrication of Gamma Detectors Based on Magnetic Ag:Er Microcalorimeters	Friedrich, Stephan [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Boyd, Stephen [Univ. of New Mexico, Albuquerque, NM	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1258520	High-foot Implosion Workshop (March 22-24, 2016) Report	Hurricane, O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1305883	Probabilistic Seismic Hazard Assessment for Iraq	Onur, Tuna [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gok, Rengin [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/6/2016
1256442	2016 Earth System Grid Federation Annual Report	Williams, Dean N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/10/2016
1258548	Initiated chemical vapor deposited nanoadhesive for bonding National Ignition Facility's targets	Lee, Tom [Univ. of California, Berkeley, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/19/2016
1255187	Summer Project on Exponential Convergence for IMC	Gentile, N [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/23/2016
1258538	Fault Tolerance Assistant (FTA): An Exception Handling Programming Model for MPI Applications	Fang, Aiman [Univ. of Chicago, IL (United States). Dept. of Computer Science]; Laguna, Ignacio [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/23/2016
1259752	Role of Off-Line-of-Sight Propagation in Geomagnetic EMP Formation	Kruger, Hans W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/23/2016
1258527	A Few Thoughts on the E-Tunnel Discharge at Rainier Mesa, Nevada National Security Site	Tompson, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/27/2016
1258549	Task 4 Improvised Nuclear Device Response Curves	Alai, Maureen [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Neuscaman, Stephanie [Lawrence Livermore	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/31/2016
1332468	Remixing the "Appropriate Mix": Reassessing NATO's Deterrence and Defense Posture in the Face of New Threats	Juarez, Anthony [Univ. of California, Berkeley, CA (United States). Richard and Rhoda Goldman School of Public Policy]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	5/31/2016
1258537	Final Report on DTRA Basic Research Project #BRCALL08-Per3-C-2-0006 "High-Z Non-Equilibrium Physics and Bright X-ray Sources with New Laser Targets"	Colvin, Jeffrey E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/1/2016
1260503	Science & Technology Review June 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Chinn, Ken B. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/1/2016
1260508	LLNL NESHAPs 2015 Annual Report - June 2016	Wilson, K. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gallegos, G. M. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/1/2016
1257298	Variance of High-frequency Precipitation	Covey, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gehne, M. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/3/2016
1260469	DCNL 4-Hour Report	Marks, Naomi E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/3/2016
1258517	An Informal Overview of the Unitary Group Approach	Sonnad, V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Escher, J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/13/2016
1321434	Demonstration of a Prototype Hydrogen Sensor and Electronics Package - Progress Report 2	Wu, Amanda S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brosha, Eric [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/14/2016

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1321441	In-situ X-ray CT results of damage evolution in L6 ordinary chondrite meteorites	Cuadra, Jefferson A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hazeli, Kavan [Univ. of Alabama, Huntsville, AL (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/17/2016
1260506	Dynamic Mesh Adaptation for Front Evolution Using Discontinuous Galerkin Based Weighted Condition Number Mesh Relaxation	Greene, Patrick T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Schofield, Samuel P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/21/2016
1281678	Mechanism for Clastogenic Activity of Naphthalene	Buchholz, Bruce A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/24/2016
1325877	Modulus of Elasticity and Thermal Expansion Coefficient of ITO Film	Carter, Austin D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Elhadj, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/24/2016
1281679	Subsurface Biogeochemistry of Actinides	Kersting, Annie B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States). Univ. Relations and Science Education]; Zavarin, Mavrik [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	6/29/2016
1305853	Science & Technology Review July/August 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, Caryn N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/18/2016
1297649	Joint FAM/Line Management Assessment Report on LLNL Machine Guarding Safety Program	Armstrong, J. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/19/2016
1289355	Global Gene Expression Differences in Joints of Mice with Divergent Post Traumatic Osteoarthritis Phenotypes	Kibui, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/28/2016
1325861	Compilation of LLNL CUP-2 Data	Eppich, G. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kips, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	7/31/2016
1289356	Spent Fuel Ratio Estimates from Numerical Models in ALE3D	Margraf, J. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Dunn, T. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/2/2016
1321420	Demonstration of a prototype hydrogen sensor and electronics package	Wu, Amanda S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brosha, Eric [Los Alamos National Lab. (LANL), Los Alamos, NM]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/3/2016
1332466	Cross Domain Deterrence: Livermore Technical Report, 2014-2016	Barnes, Peter D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Bahney, Ben [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/3/2016
1297653	CHIRP-Like Signals: Estimation, Detection and Processing A Sequential Model-Based Approach	Candy, J. V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/4/2016
1305893	The Enhancement of Gas Pressure Diagnostics in the P-ODTX System	Hsu, Peter C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Jones, Aaron [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/4/2016
1297657	Study of the integrity of pressurized LEH window assemblies at cryogenic temperatures for NIF targets	Hamza, H. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/5/2016
1305826	Design and testing of microfabricated surgical tools for large animal probe insertion	Jorgensen, Shelly [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/5/2016
1297651	Structure And Mobilities Of Tungsten Grain Boundaries Calculated From Atomistic Simulations	Frolov, T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Rudd, R. E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/9/2016
1313544	Mass Casualty Chemical Incident Operational Framework, Assessment and Best Practices	Greenwalt, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hibbard, W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/9/2016
1305820	Silicone Molding and Lifetime Testing of Peripheral Nerve Interfaces for Neuroprostheses	Gupte, Kimaya [Case Western Reserve Univ., Cleveland, OH (United States). Dept. of Biomedical Engineering]; Tolosa, Vanessa [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/10/2016
1305818	Responses to Deficiencies and Suggestions, AIHA Site Assessment July 12-14, 2016	Bennett, Jack T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Harding, Ruth N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/11/2016
1297644	Magnetic Fields on the National Ignition Facility (MagNIF)	Mason, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Folta, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/12/2016
1305839	Large Area Projection Microstereolithography: Characterization and Optimization of 3D Printing Parameters	Ng, Melissa R. [Ohlone College, Fremont, CA (United States)]; Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/12/2016
1305874	Characterizing Enzymatic Deposition for Microelectrode Neurotransmitter Detection	Hosein, W. K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Yorita, A. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/12/2016
1305886	Opticondistor by Opcondys, Inc.: A Technical Overview	Beekley, Brian P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/15/2016
1325868	M4FT-16LL080303052-State of Knowledge for Colloid Facilitated Radionuclide Transport and Update on Actinide Diffusion in Bentonite Backfill	Zavarin, Mavrik [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]. Glenn T. Seaborg Inst.. Physical and Life Sciences]; Joseph, [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/16/2016
1325873	M4FT-16LL080302052-Update to Thermodynamic Database Development and Sorption Database Integration	Zavarin, Mavrik [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]. Glenn T. Seaborg Inst.. Physical and Life Sciences]; Wolery, [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/16/2016
1305897	Optimizing the Performance of Radionuclide Identification Software in the Hunt for Nuclear Security Threats	Fotion, Katherine A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/18/2016

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1305809	Characterizing Complexity of Containerized Cargo X-ray Images	Wang, Guangxing [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Martz, Harry [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/19/2016
1321436	Guidance on Radiochronometry	Williams, Ross W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gaffney, Amy M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/21/2016
1321435	Running SW4 On New Commodity Technology Systems (CTS-1) Platform	Rodgers, Arthur J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Petersson, N. Anders [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/30/2016
1332475	The Future of Nonproliferation in a Changed and Changing Environment: A Workshop Summary	Dreicer, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/30/2016
1331455	DYNA3D/ParaDyn Regression Test Suite Inventory	Lin, Jerry I. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/1/2016
1331471	Emergency Response Capability Baseline Needs Assessment - Compliance Assessment	Sharry, John A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/1/2016
1325871	Shear Alignment of Diblock Copolymers for Patterning Nanowire Meshes	Gustafson, Kyle T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/8/2016
1325866	Optimization of vascularization- \bar{A} -inducing hydrogel bioinks for 3D bioprinting	Lui, E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Moya, Monica L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/12/2016
1325869	Further Automate Planned Cluster Maintenance to Minimize System Downtime during Maintenance Windows	Springmeyer, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/13/2016
1332469	FY16 ISCP Nuclear Counting Facility Hardware Expansion Summary	Church, Jennifer A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Kashgarian, Michaele [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/15/2016
1330754	Multiple Scatters in Single Site Gamma Backgrounds	Brodsky, J. P. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/16/2016
1330749	Hugoniot model for Si from L140	Whitley, H. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wu, C. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/20/2016
1330750	Understanding the creation of & reducing surface microroughness during polishing & post-processing of glass optics	Suratwala, Tayyab [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/22/2016
1330753	Lawrence Livermore National Laboratory Environmental Report 2015	Rosene, C. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Jones, H. E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/22/2016
1330755	Solving The Longstanding Problem Of Low-Energy Nuclear Reactions At the Highest Microscopic Level - Final Report	Quaglioni, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/22/2016
1331468	Surrogate Measurements of Actinide (n, 2n) Cross Sections with NeutronSTARS	Casperson, R. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Burke, J. T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/27/2016
1331475	Understanding Lithium Solvation and Diffusion through Topological Analysis of First-Principles Molecular Dynamics	Bhatia, Harsh [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gyulassy, Attila [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/27/2016
1330751	Fission Product Library and Resource	Burke, J. T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Padgett, S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/29/2016
1331464	A framework for WRF to WRF-IBM grid nesting to enable multiscale simulations	Wiersema, David John [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Univ. of California, Berkeley, CA (United States)	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/29/2016
1331439	Level-2 Milestone 5588: Deliver Strategic Plan and Initial Scalability Assessment by Advanced Architecture and Portability Specialists Team	Draeger, Erik W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331440	Electron and Ion Conductivity Calculations using the Model of Lee and More	Hayes, John C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331453	Final Report: Rational Design of Wide Band Gap Buffer Layers for High-Efficiency Thin-Film Photovoltaics	Lordi, Vincenzo [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331461	Regional Coda 2-D P and S-wave Calibration, Support, and Coda Tool Development	Mayeda, Kevin [Univ. of California, Berkeley, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1331462	Radiological Operations Support Specialist (ROSS) Pilot Course Summary and Recommendations	Alai, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Askin, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1332464	Science & Technology Review: September 2016	Vogt, Ramona L. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Meissner, Caryn N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	9/30/2016
1332480	Redefining the U.S. Agenda for Nuclear Disarmament, Analysis and Reflections	Dunn, Lewis A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]. Center for Global Security Research	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/1/2016
1331441	Enzyme-Embedded, Microstructural Reactors for Industrial Biocatalysis	Baker, Sarah E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Knipe, J. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/4/2016

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1331445	High-Power Lasers for Science and Society	Siders, C. W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Haefner, C. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/5/2016
1330134	CDAC Student Report: Summary of LLNL Internship	Herriman, Jane E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/10/2016
1331447	Simulations of a Plasma Thruster Utilizing the FRC Configuration	Rognlien, T. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Cohen, B. I. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/10/2016
1331469	ARES Modeling of High-foot Implosions (NNSA Milestone #5466)	Hurricane, O. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/11/2016
1330135	Hugoniot Models for Na and LiF from LEOS	Whitley, Heather D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Wu, Christine J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/12/2016
1330136	Ultradast Absorption Spectroscopy of Aluminum Plasmas Created by LCLS using Betatron X-Ray Radiation	Albert, Felicie [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/12/2016
1331466	Analysis of MINIE2013 Explosion Air-Blast Data	Schnurr, Julie M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States); Univ. of Hawaii, Manoa, HI (United States)]; Rodgers,	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/14/2016
1330138	High-fidelity plasma codes for burn physics	Cooley, James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Graziani, Frank [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/19/2016
1330133	HEPA Filter Disposal Write-Up 10/19/16	Loll, C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/20/2016
1333391	Liquid Condensation and Solidification Behavior of Hydrogen Isotopes in Foams	Kozioziemski, B. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/21/2016
1333399	Reconstructing misaligned x-ray CT data	Divin, C. J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/24/2016
1332477	Development of a β -Fission-proxy Method for the Measurement of 14-MeV Neutron Fission Yields at CAMS	Gharibyan, Narek [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/25/2016
1331452	Fission in a Plasma	Younes, W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/26/2016
1333398	Prototype Stilbene Neutron Collar	Prasad, M. K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Shumaker, D. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/26/2016
1332472	Plasma Interactions with Mixed Materials and Impurity Transport	Rognlien, T. D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Beiersdorfer, Peter [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/28/2016
1333394	Final Report for Wetlands as a Source of Atmospheric Methane: A Multiscale and Multidisciplinary Approach	McFarlane, Karis J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/28/2016
1332471	Real-time Microseismic Processing for Induced Seismicity Hazard Detection	Matzel, Eric M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/31/2016
1333395	Improving Capture-gamma Libraries for Nonproliferation Applications	Sleaford, Brad W. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Hurst, Aaron M. [Lawrence Berkeley National Lab. (LBNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	11/1/2016
1333397	High-Average-Power Diffraction Pulse-Compression Gratings Enabling Next-Generation Ultrafast Laser Systems	Alessi, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	11/1/2016
1333387	Subcontract B613202# - Flang Error Handling	Miles, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; neely, J. R. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	11/9/2016
1332470	Atrial Model Development and Prototype Simulations: CRADA Final Report on Tasks 3 and 4	O'Hara, T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Zhang, X. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	10/28/2016
1313549	Systems Biology for Organotypic Cell Cultures	Grego, Sonia [RTI International, Research Triangle Park, NC (United States)]; Dougherty, Edward R. [Texas A & M Univ., College Station, TX (United	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)	8/4/2016
1321427	Advanced Simulation and Computing FY17 Implementation Plan, Version 0	McCoy, Michel [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Archer, Bill [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LLNL	Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States); Los Alamos National Lab. (LANL), Los	8/29/2016
1234602	LIP: The Livermore Interpolation Package, Version 1.6	Fritsch, F. N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	1/4/2016
1236734	An Investigation on X-ray Reflectivity technique at LLNL	Saw, C. K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Grant, W. K. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	1/12/2016
1237584	Technical Reports - FY16 Q1 - October-December 2015	Lordi, Vincenzo [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Rubenstein, Brenda M. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	1/20/2016
1237578	Technical Report: Benchmarking for Quasispecies Abundance Inference with Confidence Intervals from Metagenomic Sequence Data	McLoughlin, K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory, Livermore, CA (United States)	1/22/2016

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1289376	Emerging Technologies and Techniques for Wide Area Radiological Survey and Remediation	Sutton, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Zhao, P. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	3/24/2016
1289384	PRP Comments for ICF Q1/Q2 FY17 Experiments 3/10/16	Kauffman, R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2016
1289361	Interpretation of stable isotope, denitrification, and groundwater age data for samples collected from Sandia National Laboratories /New Mexico (SNL/NM) Burn Site	Madrid, V. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Singleton, M. J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	6/2/2016
1260495	Pythia Jet Finding Study with Trento Backgrounds	Simpson, Joseph [United States Naval Academy, Annapolis, MD (United States); Lawrence Livermore National Lab. (LLNL), Livermore, CA	TR	LLNL	Lawrence Livermore National Laboratory	6/22/2016
1289358	The Transport Equation in Optically Thick Media: Discussion of IMC and its Diffusion Limit	Soke, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brooks, E. D. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	7/12/2016
1289363	IER 203 CED-2 Report: LLNL Final Design for BERP Ball With a Composite Reflector of Thin Polyethylene Backed by Nickel	Percher, C. M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Heinrichs, D. P. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	7/18/2016
1289374	101 Careers in Mathematics Profile	Meyers, Carol A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	7/21/2016
1289375	LLNL ICF highlights for the period of July 14, 2016 to July 20, 2016	Herrmann, M. C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	7/25/2016
1289385	UNESE MSIR Summary, FY15-FY16	Henderson, J. R. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Zelinski, M. E. [Lawrence Livermore National Lab.	TR	LLNL	Lawrence Livermore National Laboratory	7/27/2016
1289359	FINAL REPORT: Multigrid for Systems and Time-Dependent PDEs	Jones, J. E. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	8/2/2016
1289389	Characterizing X-ray Attenuation of Containerized Cargo	Birrer, N. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Divin, C. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	8/2/2016
1331474	Emergency Response Capability Baseline Needs Assessment - Requirements Document	Sharry, J A	TR	LLNL	Lawrence Livermore National Laboratory	10/4/2016
1333404	Small Volume Fuel Testers Report	Schoegl, I. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; McNenly, M. J. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	10/31/2016
1237572	Hard X-ray mirrors for Nuclear Security	Descalle, M. A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Brehnholt, N. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/7/2016
1237555	Strategic latency and warning. Private sector perspectives on current intelligence challenges in science and technology	Davis, Zachary [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Gac, Frank [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/8/2016
1237568	Technical Report: Algorithm and Implementation for Quasispecies Abundance Inference with Confidence Intervals from Metagenomic Sequence Data	McLoughlin, Kevin [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/11/2016
1237573	Technical Report on Modeling for Quasispecies Abundance Inference with Confidence Intervals from Metagenomic Sequence Data	McLoughlin, K. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/11/2016
1238236	2015 Cross-Domain Deterrence Seminar Summary Report	Juarez, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	1/11/2016
1237557	Parallel Solver for H(div) Problems Using Hybridization and AMG	Lee, Chak S. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab.	TR	LLNL	Lawrence Livermore National Laboratory	1/15/2016
1237558	Arbitrary Dimension Convection-Diffusion Schemes for Space-Time Discretizations	Bank, Randolph E. [Univ. of California, San Diego, CA (United States)]; Vassilevski, Panayot S. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2016
1245710	Thinking Globally about U.S. Extended Deterrence	Roberts, Brad [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Santoro, David [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/20/2016
1237574	NONLINEAR MULTIGRID SOLVER EXPLOITING AMGe COARSE SPACES WITH APPROXIMATION PROPERTIES	Christensen, Max La Cour [Technical Univ. of Denmark, Lyngby (Denmark)]; Villa, Umberto E. [Univ. of Texas, Austin, TX (United States)]; Engsig-	TR	LLNL	Lawrence Livermore National Laboratory	1/22/2016
1237577	ONE-DIMENSIONAL TIME TO EXPLOSION (THERMAL SENSITIVITY) TESTS ON PETN, PBX-9407, LX-10, AND LX-17	Hsu, Peter C. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Strout, Steve [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	1/28/2016
1244659	Land-total and Ocean-total Precipitation and Evaporation from a Community Atmosphere Model version 5 Perturbed Parameter Ensemble	Covey, Curt [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Lucas, Donald D. [Lawrence Livermore National Lab.	TR	LLNL	Lawrence Livermore National Laboratory	3/2/2016
1245700	Measuring radiation damage dynamics by pulsed ion beam irradiation. 2015 Annual Progress Report for DOE/NE/NEET	Kucheyev, S. O. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/7/2016
1245721	391-D1A1 Aboveground Tank Closure/Removal Plan	Griffin, D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	3/9/2016
1245712	The Near Zone to Far Zone Transformation (N2F)	Blackfield, Donald T. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Poole, Brian R. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	3/11/2016

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1245697	EME 192 Report	Mora, J. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Pascall, A. [Lawrence Livermore National Lab. (LLNL),	TR	LLNL	Lawrence Livermore National Laboratory	3/15/2016
1252644	A Kinematic Rupture Model Generator Using Irikura's Recipe	Pitarka, A. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/1/2016
1252643	2014-2016 Avian Point Count and Migration Surveys at Site 300 for the Lawrence Livermore National Laboratory	Fratanduono, M. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LLNL	Lawrence Livermore National Laboratory	4/14/2016
1252640	LLNL Mercury Project Trinity Open Science Final Report	Brantley, Patrick [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Dawson, Shawn [Lawrence Livermore National	TR	LLNL	Lawrence Livermore National Laboratory	4/20/2016
1332215	Sorbent Scoping Studies	Chancellor, Christopher John [Los Alamos National Lab. (LANL), Carlsbad, NM (United States). Difficult Waste Team]	TR	LANL	Los Alamos National Lab. (LANL), Carlsbad, NM (United States)	11/14/2016
1253479	Stormwater Pollution Prevention Plan for: Technical Area 3 Power and Steam Plant	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wheeler, Holly Lynn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/1/2016
1233634	SCC-Advanced Computer System Project Pre-Bid Meeting Presentation	Sena, Phillip A [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/4/2016
1234490	LANL Interactions with the Oil and Gas Industry: Processes and Capabilities	Russell, John J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hickmott, Donald D. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/5/2016
1237210	An Overview of the Monte Carlo Application Toolkit (MCATK)	Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/7/2016
1237211	Overview of the Tusas Code for Simulation of Dendritic Solidification	Trainer, Amelia J. [Massachusetts Inst. of Technology (MIT), Cambridge, MA (United States)]; Newman, Christopher Kyle [Los Alamos	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/7/2016
1234492	Comparison of CAP88 and MCNP for Overhead Gamma-emitting Plumes	Mcnaughton, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gillis, Jessica McDonnell [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/8/2016
1234493	Adventures in Actinide Chemistry: A Year of Exploring Uranium and Thorium in Los Alamos	Pagano, Justin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/8/2016
1234494	ISTI Overview	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/10/2016
1234495	The ACS-NUCL Division 50th Anniversary: Introduction	Hobart, David E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/10/2016
1234496	Shock Detector for SURF model	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/11/2016
1234498	Barrier experiment: Shock initiation under complex loading	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/12/2016
1234499	Pre-Conceptual Design for Northstar's Mo Process Tritium Removal System	Nobile, Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reichert, Heidi [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/12/2016
1237221	Functional Programming in Computer Science	Anderson, Loren James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Davis, Marion Kei [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/19/2016
1237223	Documentation of operational protocol for the use of MAMA software	Schwartz, Daniel S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/21/2016
1237224	Collision of Physics and Software in the Monte Carlo Application Toolkit (MCATK)	Sweezy, Jeremy Ed [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/21/2016
1237235	Characterization of Thin Walled Mo Tubing produced by FBCVD	Beaux, Miles Frank [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Usov, Igor Olegovich [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/21/2016
1237236	Extractant Design by Covalency	Gaunt, Andrew James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Olson, Angela Christine [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/21/2016
1237238	Dynamic Initiator Experiments using IMPULSE (Impact System for Ultrafast Synchrotron Experiments) at the Advanced Photon Source	Sanchez, Nathaniel Jonathon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Jensen, Brian J. [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/21/2016
1237231	SAD Phasing and automated structure determination	Terwilliger, Thomas Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/22/2016
1237232	2016 NNSA Pollution Prevention Awards	Salzman, Sonja L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/25/2016
1237233	CERT TST December 2015 Visit Summary	Little, Robert Currier [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bailey, Teresa S. [Lawrence Livermore National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/25/2016
1237234	Unconventional CW	Rittner, Christian Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	1/25/2016

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1237215	Dose Assessment of Los Alamos National Laboratory-Derived Residual Radionuclides in Soils within C Tracts (C-2, C-3, and C-4) for Land Transfer Decisions	Gillis, Jessica M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Whicker, Jeffrey J.	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/26/2016
1237216	Scalable Codesign Performance Prediction for Computational Physics - Mid-Term- Appraisal: Overview Talk	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/26/2016
1237212	Visualizing expanding warm dense matter heated uniformly by laser-driven ion beams	Bang, Woosuk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237214	Utilization of the Differential Die-Away Self-Interrogation Technique for Characterization and Verification of Spent Nuclear Fuel	Trahan, Alexis Chanel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237219	Thyroid for Life	Pasqualoni, Sara Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237220	Developing a Signature Based Safeguards Approach for the Electrorefiner and Salt Cleanup Unit Operations in Pyroprocessing Facilities	Murphy, Chantell Lynne-Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/27/2016
1237272	Laser-Generated Ion Beams for Isochoric Heating to Study Plasma-Phase Mix at Heterogeneous Interfaces	Fernandez, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/28/2016
1237274	Approximating the r-Process on Earth with Thermonuclear Explosions. Lessons Learned and Unanswered Questions	Becker, Stephen Allan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/28/2016
1237265	OptimizerInterface Best Practices	Disterhaupt, Jennifer Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/29/2016
1237266	Physics Flash January 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	1/29/2016
1237267	Guidelines for Posting Soil Contamination Areas	Mcnaughton, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Eisele, William [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/1/2016
1237247	Waste Characterization Methods	Vigil-Holterman, Luciana R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Naranjo, Felicia Danielle [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/2/2016
1237269	Density estimation with trigonometric kernels	Collins, David H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/2/2016
1237270	Technical Area 60-002 Salvage and Warehouse Area	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/2/2016
1237245	Assessment of semi-empirical potentials for the U-Si system	Baskes, Michael I. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andersson, Anders David [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237246	Density functional theory calculations of defect and fission gas properties in U-Si fuels	Andersson, Anders David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237249	Technical Area 60-0001 Heavy Equipment (motor pool) Shop Areas	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237251	PAGOSA Sample Problem: Unconfined Shaped Charge	Weseloh, Wayne N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237252	PAGOSA Sample Problem. Elastic Precursor	Weseloh, Wayne N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Clancy, Sean Patrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237255	Adaptive Reconnection-based Arbitrary Lagrangian Eulerian Method	Shashkov, Mikhail Jurievich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bo, Wurigen [EXA Corporation, Burlington, MA (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237256	Surviving Scientific Academia . . . and Beyond	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237421	Notes on Piezoelectricity	Redondo, Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/3/2016
1237425	Hazardous Material Packaging and Transportation	Hypes, Philip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/4/2016
1237426	Conjugate Heat Transfer and Thermal Mechanical Analysis for the Fast Spectrum Neutron Source for Materials Irradiation	Olivas, Eric Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/4/2016
1237413	FleCSI. Developing Flexible Computational Science Infrastructure for Multi-Physics Application Development	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/5/2016
1237422	High-order hydrodynamic algorithms for exascale computing	Morgan, Nathaniel Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/5/2016
1237423	A Report on the Validation of Beryllium Strength Models	Armstrong, Derek Elswick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/5/2016

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1237414	Reversal of the Upper Critical Field Anisotropy and Spin-Locked Superconductivity in $K_{2-x}Cr_{x-3}As_{x-3}$	Balakirev, Fedor Fedorovich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kong, T. [Ames Lab., Ames, IA (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/8/2016
1238114	(Mis)Understanding Radiation	Schreiber, Stephen Bruce [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238116	LANL Contributions to the B61 Life Extension Program	Corpion, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238117	Stormwater Pollution Prevention Plan TA-3-38 Carpenter's Shop Los Alamos National Laboratory	Burgin, Jillian E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238118	Stormwater Pollution Prevention Plan TA-3-38 Metals Fabrication Shop Los Alamos National Laboratory	Burgin, Jillian E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/10/2016
1238127	Target Window Reliability	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/11/2016
1238128	Target Housing Material Options	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/11/2016
1238129	Meteorology Assessment of Historic Rainfall for Los Alamos During September 2013	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/12/2016
1238130	FC-PAD Consortium: Fuel Cell Performance and Durability	Borup, Rodney L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/12/2016
1238138	FC-PAD: Fuel Cell Performance and Durability and on-going activities	Borup, Rodney L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Weber, Adam [Lawrence Berkeley National Lab. (LBNL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/16/2016
1238139	MaRIE: Probing Dynamic Processes in Soft Materials Using Advanced Light Sources	Sykora, Milan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kober, Edward Martin [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/16/2016
1238140	Mo100 to Mo99 Target Cooling Enhancements Report	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/16/2016
1239074	MaRIE	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hedeen, Sarah Rosanne [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/17/2016
1239070	LANL Five-Year Wildland Fire Management Plan (2016-2020)	Hand, Melanee Maree [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Moraga, Rod [Anchor Point, LLC, Boulder, CO (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239071	The Zika Threat. Why Now?	Giorgi, Elena Edi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239072	Threat Identification Parameters for a Stolen Category 1 Radioactive Source	Ussery, Larry Eugene [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Winkler, Ryan [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239073	Technical Area 3 Power and Steam Plant	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wheeler, Holly Lynn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239077	Sampling and Analysis Plan (SAP) for Assessment of LANL-Derived Residual Radionuclides in Soils within Tract A-16-d for Land Conveyance and Transfer	Gillis, Jessica Mcdonnel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/18/2016
1239065	Validation and Verification of the Correct Operation of the Thermo Fisher Scientific's Genesys 10S spectrometer used in ANC122 and NF-ANC122	Colletti, Lisa Michelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239066	MCNP Coupling with BISON	Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239067	Analysis of potential hazards associated with ^{241}Am loaded resins from nitrate media	Schulte, Louis D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rubin, Jim [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239076	Measurement and Characterization of Haswell Power and Energy Consumption	Huang, Song [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lang, Michael Kenneth [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239080	Electronic Structure of Plutonium Materials from Photoemission	Joyce, John J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/19/2016
1239068	IR Camera Report for the 7 Day Production Test	Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/22/2016
1239908	MaRIE: Opportunities for new x-ray sources to shed light on mesoscale functional materials	Sandberg, Richard L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Prasankumar, Rohit Prativadi [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239909	Nuclear and radiological Security: Introduction.	Miller, James Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239910	DEPO-related to Radioactive Sources.	Miller, James Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016

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1239911	Reuse of Oil and Gas Produced Water in Southeast New Mexico-Resource Assessment, Treatment Processes, and Policy	Sullivan Graham, Enid Joan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239912	Institutional Training Service Organizational Profile	Hanson, Todd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/24/2016
1239915	DIORAMA Guide to Building from Source	Greco, Richard R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tornga, Shawn Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/25/2016
1239916	MPA Materials Matter February 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/25/2016
1239927	Request for Information from entities interested in commercializing Laboratory-developed homogeneous catalyst technology	Intrator, Miranda Huang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/25/2016
1239918	Conjugate Heat Transfer and Thermal Mechanical Analysis for Liquid Metal Targets for High Power Electron Beams.	Olivas, Eric Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/26/2016
1239897	Los Alamos National Security, LLC Request for Information on how industry may partner with the Laboratory on KIVA software.	McDonald, Kathleen Herrera [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239898	Laser Incident Lessons Learned and Action List	Yarotski, Dmitry Anatolievitch [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239899	Pressure Safety: Advanced Self-Study 30120	Glass, George [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239921	Annual Report for Los Alamos National Laboratory Technical Area 54, Area G Disposal Facility "Fiscal Year 2015	French, Sean B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stauffer, Philip H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239922	HMPT: Basic Radioactive Material Transportation	Hypes, Philip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239923	Tractable Experiment Design via Mathematical Surrogates	Williams, Brian J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239924	Elena Guardincerri: Tracking muons to reduce nuclear threats and help preserve architectural treasures	Del Mauro, Diana [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Guardincerri, Elena [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	2/29/2016
1239901	Influence of Grain Boundary Properties and Orientation on Void Nucleation	Fensin, Saryu Jindal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Center for Integrated Nanotechnologies (CINT)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/1/2016
1239902	Solar Position Model for use in DIORAMA	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/1/2016
1240801	Uniaxial Compression of Cellular Materials at a 10^{-1} Strain Rate Simultaneously with Synchrotron X-ray Computed Tomographic Imaging	Patterson, Brian M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/1/2016
1240802	Literature Review of Spin On Glass	Peterson, Reuben James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/2/2016
1240803	The Frontiers of Additive Manufacturing	Grote, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/3/2016
1240804	Birds of a Feather: STEM Takes Flight	Phillips, Emily Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Musgrave, Maria A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/3/2016
1240808	DIORAMA Model of Satellite Body Orientation	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/4/2016
1240812	PIV Logon Configuration Guidance	Lee, Glen Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/4/2016
1240813	Los Alamos National Laboratory Support for Commercial U.S. Production of ^{99}Mo without the Use of Highly Enriched Uranium	Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/4/2016
1240805	LANL Overview Feb 2016	Girrens, Steven P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/7/2016
1240814	Concept for LEU Burst Reactor	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimpland, Robert Herbert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/7/2016
1240815	M-Adapting Low Order Mimetic Finite Differences for Dielectric Interface Problems	McGregor, Duncan A. [Oregon State Univ., Corvallis, OR (United States)]; Gyrya, Vitaliy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/7/2016
1241649	Data Testing CIELO Evaluations with ICSBEP Benchmarks	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/9/2016
1241639	NCSP Nuclear Data Advisory Group (NDAG) Report	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/10/2016

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1241650	Gamma-Ray Hold-up Measurements and Results for Casa 2 and Casa 3 at TA-18	Desimone, David J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/10/2016
1241641	Morphological Comparison of U3O8 Ore Concentrates from Canada Key Lake and Namibia Sources	Schwartz, Daniel S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tandon, Lav [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241642	WWLLN Data User Manual	Lay, Erin Hoffmann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wiens, Kyle Cameron [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241643	Current LANL SCE 3-ft Vessel Inspection Discussion	Romero, Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Johnson, Matthew Q. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241644	Salt Composition Derived from Veazey Composition by Thermodynamic Modeling and Predicted Composition of Drum Contents	Weisbrod, Kirk Ryan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Veirs, Douglas Kirk [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241645	Standard Waste Box Lid Screw Removal Option Testing	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241646	Engineered Option Treatment of Remediated Nitrate Salts: Surrogate Batch-Blending Testing	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241647	Definition of Beam Diameter for Electron Beam Welding	Burgardt, Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pierce, Stanley W. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241648	Lecture Notes on Criticality Safety Validation Using MCNP & Whisper	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rising, Michael Evan [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/11/2016
1241636	A Study on Melt Pool Depth Monitoring of Direct Energy Additive Manufacturing Using Laser-Ultrasound	Han, Dae-Hyun [Los Alamos National Laboratory (Republic of Korea). Chonbuk National University Engineering Institute]; Flynn, Eric Brian [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/14/2016
1241653	Complete Mie-Gruneisen Equation of State (update)	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/14/2016
1241654	Compressive Sensing Laser Scanning Tech	Jeon, Jun Young [Chonnam National Univ. (South Korea)]; Flynn, Eric Brian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/14/2016
1242905	A Sesame Equation of State for Dense Ce	Greeff, Carl William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Crockett, Scott [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/15/2016
1242907	PLAN-TA9-2443(U), Rev. B Remediated Nitrate Salt (RNS) Surrogate Formulation and Testing Standard Procedure	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/16/2016
1242909	Nevada National Security Site Underground Radionuclide Inventory, 1951-1992: Accounting for Radionuclide Decay through September 30, 2012	Finnegan, David Lawrence [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bowen, Scott Michael [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/16/2016
1242910	The Path to Nitrate Salt Disposition	Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/16/2016
1242914	Statistical Modeling Efforts for Headspace Gas	Weaver, Brian Phillip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/17/2016
1242924	HMPT: Hazardous Waste Transportation Live 27928, Test 27929	Simpson, Lewis Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/17/2016
1245548	Passive Gamma Analysis of the Boiling-Water-Reactor Assemblies	Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Favalli, Andrea [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/31/2016
1245560	Trapped Proton Environment in Medium-Earth Orbit (2000-2010)	Chen, Yue [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Friedel, Reinhard Hans [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/31/2016
1245561	Non destructive examination of UN / U-Si fuel pellets using neutrons (preliminary assessment)	Bourke, Mark Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vogel, Sven C. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	3/31/2016
1245566	Production Facility Prototype Blower Installation Report with 1000 Hour Test Results	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/1/2016
1245567	Precision Plutonium Thermodynamics	Migliori, Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/4/2016
1248095	HIV Molecular Immunology 2015	Yusim, Karina [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Korber, Bette Tina [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/5/2016
1248097	Neutron-Induced Failures in Semiconductor Devices	Wender, Stephen Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/6/2016
1248099	Preliminary report for using X-rays as verification and authentication tool	Esch, Ernst Ingo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Desimone, David J. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/6/2016
1248104	DOE Los Alamos National Laboratory â€” PV Feasibility Assessment, 2015 Update, NREL Final Report	Dean, Jesse [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Witt, Monica Rene [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	4/6/2016

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1248085	Topological Methods for Visualization	Berres, Anne Sabine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248106	Diversity in the Minerals, Metals, and Materials Professions (DMMM2)	Clarke, Amy Jean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248107	IPF Beam Line Photos	Rybarcyk, Lawrence John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248109	LANL Q2 2016 Quarterly Progress Report. Science Campaign and ICF	Douglas, Melissa Rae [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/7/2016
1248086	Rapid heating of matter using high power lasers	Bang, Woosuk [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/8/2016
1248115	ISR-1 Seminar: Nuclear Cloud Lofting	Walker, Andrew Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/13/2016
1248116	Safeguards Technology Factsheet - Unattended Dual Current Monitor (UDCM)	Newell, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/13/2016
1248110	Three Species of Odonata Observed at TA-3 in September 2015	Foy, Bernard R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hathcock, Charles Dean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248111	Uranium Detection - Technique Validation Report	Colletti, Lisa Michelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]; Garduno, Katherine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248112	WCATS: Waste Documentation, Course No. 8504	Simpson, Sandy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248117	Investigation of Surface Phenomena in Shocked Tin in Converging Geometry	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248118	Review Facility Design Drawings M3FT-16LA040105011 - Safeguards and Security by Design for Used Fuel Extended Storage: 1.02.04.01.05 FT 16LA04010501	Scherer, Carolyn P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/14/2016
1248127	From Alloy Processing to Performance: An In Situ Experimental and Modeling Effort	Clarke, Amy Jean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tourret, Damien [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248128	Multi-channel probes to understand fission dynamics	Mosby, Shea Morgan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248130	Analysis of the Breakout Time	Medina, Brandon Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248132	MPA Materials Matter April 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/15/2016
1248133	CTE Measurements for Loading Scenarios	Allen, Nicholas Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/16/2016
1248084	Selection of 3013 Containers for Field Surveillance. Fiscal Year 2016 Update	Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Berg, John M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248120	Weather at LANL	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248121	Commercialization at Los Alamos	Pesiri, David R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248123	Establishing precision and accuracy in PDV results	Briggs, Matthew E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Howard, Marylesa [National Security Technologies, LLC]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248125	MCNP and GADRAS Comparisons	Klasky, Marc Louis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1249003	Mechanical properties and microstructure evaluation of powder bed fused Inconel 625 nickel alloy	Brand, Michael J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1249004	Fire Extinguisher Training for Fire Watch and Designated Workers, Course 9893	Harris, Jimmy D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1334173	Los Alamos National Laboratory Economic Analysis Capability Overview	Boero, Riccardo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Information Systems and Modeling Group]; Edwards, Brian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/19/2016
1248126	Respirators: Supervisors Self-Study #43442	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016
1249005	Report on the Radiation Effects Testing of the Infrared and Optical Transition Radiation Camera Systems	Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016

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1249006	RCT: 2.01 Radiological Documentation, Course No. 32974	Hillmer, Kurt T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016
1249007	Alignment of detectors for Pu isotopic analyses	Pollington, Anthony Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016
1249008	Proposal of a Novel Approach to Developing Material Models for Micro-scale Composites Based on Testing and Modeling of Macro-scale Composites	Siranosian, Antranik Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schembri, Philip Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016
1249009	Initial Results from the Third Round of Remediated Nitrate Salt Surrogate Formulation and Testing	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leonard, Philip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016
1249011	Department of Energy Nuclear Weapons Complex 1985 and 2015	Avens, Larry Ross [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/20/2016
1248978	Nanocarbons formed under extreme conditions. The role of atmosphere during detonation of Composition B	Huber, Rachel Colleen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ringstrand, Bryan Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/21/2016
1249012	Safeguards Technology Factsheet ³He-free Neutron Coincidence Counter	Henzlova, Daniela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/21/2016
1248976	Hunting for the Signatures of Cancer	Giorgi, Elena Edi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/26/2016
1250719	Understanding the Atmospheric and Ionospheric Response to Bolides and Hypersonic Objects in the Atmosphere (Update Talk, 4/7/2016)	Haaser, Robert A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/26/2016
1250720	High-Resolution Data in a Low-Resolution Landscape	Brady, Brendan Williams [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/26/2016
1250690	Climate Uncertainty Quantification at LANL	Urban, Nathan Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/27/2016
1250724	Resonant Ultrasound Spectroscopy	Migliori, Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/27/2016
1253543	Dense Quantum Plasma Simulation	Sjostrom, Travis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/27/2016
1250721	Careers in the Sciences	Pecos, James Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/29/2016
1250722	Using NJOY to Create MCNP ACE Files and Visualize Nuclear Data	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/29/2016
1253481	How well could existing sensors detect the deployment of a solar radiation management (SRM) geoengineering effort?	Hurd, Alan J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/29/2016
1334170	Reactor Antineutrinos: Corrections and Applications	Jaffke, Patrick John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	4/30/2016
1253555	RCT: 2.02 Communication Systems, Course #33339	Hillmer, Kurt T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/1/2016
1254251	Lecture Notes on Sensitivity-Uncertainty Based Nuclear Criticality Safety Validation	Alwin, Jennifer Louise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/2/2016
1334171	Enhanced Capabilities for Subcritical Experiments (ECSE) Risk Management Plan	Urban, Mary Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Process Modeling and Analysis Group]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/2/2016
1334174	Frontiers in Chemical Physics	Bowlan, Pamela Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/2/2016
1334176	Ultrafast control and monitoring of material properties using terahertz pulses	Bowlan, Pamela Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Lab. for Ultrafast Materials Optical Science (LUMOS)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/2/2016
1250692	LANL Multiyear Strategy Performance Improvement (MYSPI), Fiscal Years 2017-2021	Leasure, Craig Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/3/2016
1253485	FleCSI Project	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/3/2016
1253499	Beam line shielding calculations for an Electron Accelerator Mo-99 production facility	Mocko, Michal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/3/2016
1253500	State-of-the-art in Manufacturing Pyrochemical Processing Crucibles	Parkinson, David Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/3/2016
1253501	State-of-the-art in Manufacturing Pyrochemical Processing Crucibles	Parkinson, David Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/3/2016

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1253497	A Complete Reporting of MCNP6 Validation Results for Electron Energy Deposition in Single-Layer Extended Media for Source Energies <= 1-MeV	Dixon, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hughes, Henry Grady [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/4/2016
1253504	Simulating Supernova Light Curves	Even, Wesley Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dolence, Joshua C. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/5/2016
1253505	Summary of Remediated Nitrate Salt Surrogate Formulation and Testing	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leonard, Philip [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/5/2016
1253506	The DIORAMA Neutron Emitter	Terry, James Russell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/5/2016
1253480	M-7 High Explosives Science and Technology Analytical Laboratory Report# 52279	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/6/2016
1253484	OpenMC In Situ Source Convergence Detection	Aldrich, Garrett Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Univ. of California, Davis, CA (United States)]; Dutta,	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/7/2016
1253482	Dynamic System Simulation of the KRUSTY Experiment	Klein, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimpland, Robert Herbert [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253488	Pu(III) reduction	Windorff, Cory [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253489	Analysis to evaluate predictors of fiberboard aging to guide surveillance sampling for the 9975 life extension program	Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Daugherty, William L. [Savannah River Site (SRS),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253491	ExactPack Documentation	Singleton, Jr., Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Israel, Daniel M. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253492	Laboratory Microwave Power Source at LANL. Schematics, Spec Sheets and Technical Information	Perry, William L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oschwald, David M. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253493	Multi-phenomenological Explosion Monitoring (MultiPEM): Screening Airborne from Buried, Ejection Explosions	Carmichael, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sentz, Kari [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253494	Critical and Subcritical 0-Power Experiment at Rensselaer (CaSPER)	Arthur, Jennifer Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253495	Average Atom models	Starrett, Charles Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253496	Predicting High Temperature Dislocation Physics in HCP Crystal Structures	Hunter, Abigail [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Carpenter, John S. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/9/2016
1253483	Determination of Volatility and Element Fractionation in Glassy Fallout Debris by SIMS	Williamson, Todd L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tenner, Travis Jay [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/10/2016
1253542	High-Resolution Data for a Low-Resolution World	Brady, Brendan Williams [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/10/2016
1253509	A Statistical Approach For Modeling Tropical Cyclones. Synthetic Hurricanes Generator Model	Pasqualini, Donatella [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/11/2016
1253541	Multi-Sector General Permit Annual Industrial Storm Water Training for TA54 Areas G, L, RANT, and the Maintenance Facility West	Wheeler, Holly Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schrock, David Edward [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/11/2016
1253544	An OpPUNtunity. A Perspective on Puns	Snyder, Emily Elisabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/11/2016
1253508	Summary Report of Laboratory Testing to Establish the Effectiveness of Proposed Treatment Methods for Unremediated and Remediated Nitrate Salt Waste Streams	Anast, Kurt Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253512	Capturing the Complexity of Additively Manufactured Microstructures	Livescu, Veronica [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bronkhorst, Curt Allan [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253514	Drinking Water Consequences Tools. A Literature Review	Pasqualini, Donatella [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253516	Personal Drawing Portfolio Sample	Leon, Ryan Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253517	Badge Office Process Analysis	Haurykiewicz, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dinehart, Timothy Grant [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253518	Badge Office Process Analysis	Haurykiewicz, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dinehart, Timothy Grant [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253521	Tomorrow's History Made Fresh Daily	Deck, Linda T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016

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1253522	UAV Applications in Radiation Detection and Emergency Response	Lakis, Rollin Evan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/12/2016
1253553	SE Requirements Development Tool User Guide	Benson, Faith Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253554	Imprecise Probability Methods for Weapons UQ	Picard, Richard Roy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vander Wiel, Scott Alan [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253556	Simultaneous Thermal Analysis of Remediated Nitrate Salt Surrogates	Wayne, David Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253558	Using the H Index to Assess Impact of DOE National Laboratories	Springer, Everett P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/13/2016
1253539	Determination of the Spectral Index in the Fission Spectrum Energy Regime	Lee, Amy Sarah [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1253545	Precisely measuring ultrashort light pulses and using this to study materials	Bowlan, Pamela Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1253546	Stopping Power for Degenerate Electrons	Singleton, Jr., Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1334175	Predictive Modeling in Actinide Chemistry and Catalysis	Yang, Ping [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/16/2016
1253547	Conceptual Model of Climate Change Impacts at LANL	Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1253548	Modeling of a Compact Terahertz Source based on the Two-Stream Instability	Svimonishvili, Tengiz [Univ. of New Mexico, Albuquerque, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1253549	Computable general equilibrium model fiscal year 2013 capability development report	Edwards, Brian Keith [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rivera, Michael Kelly [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1254250	Using Supercomputers to Probe the Early Universe	Giorgi, Elena Edi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/17/2016
1254247	Verification test of the SURF and SURFplus models in xRage	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/18/2016
1254257	Floodplain statement of findings for corrective actions in Potrillo Canyon technical area-36, Los Alamos National Laboratory, Los Alamos, New Mexico	Keller, David Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/18/2016
1254258	Environment, Safety and Health Programs and Services Portfolio	Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254259	TA53:19 Reverb Chamber Quick-Look	Bishofberger, Kip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254260	Solid State Electrochemical Sensor R&D	Brosha, Eric Lanich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mukundan, Rangachary [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254261	Data Services @ The Library	Finnell, Joshua Eugene [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/19/2016
1254245	Incorporation of the Joule Heating of highly conducting materials into the Truchas code via an asymptotic approach	Akcay, Cihan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Haut, Terry Scot [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/21/2016
1254241	RCT: 2.05 Contamination Control, Course #8770	Hillmer, Kurt T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/23/2016
1254246	KIVA-hpFE. Predictive turbulent reactive and multiphase flow in engines - An Overview	Carrington, David Bradley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/23/2016
1291275	High-Power Electron Accelerators for Space (and other) Applications	Nguyen, Dinh Cong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lewellen, John W. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/23/2016
1254930	Cesium Shipment	Martinez, Gene C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/24/2016
1254243	JOWOG RLV Tour 5-25-2016	Worland, Vincent Peter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1254931	Continuous-Energy Data Checks	Haecck, Wim [Radioprotection and Nuclear Safety Institute, Fontenay-aux-Roses (France)]; Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016
1254932	Physics Flash May 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	5/25/2016

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1254933	Bradbury Science Museum Collections Inventory Photos Disc #5	Strohmeier, Wendy J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/25/2016
1254934	Literature Review of Polymer Derived Ceramics	Peterson, Reuben James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/25/2016
1254935	Thermomechanical Analysis (TMA) and its application to polymer systems	Adams, Jillian Cathleen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/25/2016
1254936	A Literature Review on the Study of Moisture in Polymers	Trautschold, Olivia Carol [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/25/2016
1245565	Thermal Test on Target with Pressed Disks	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/27/2016
1254988	Synthesis of MCMC and Belief Propagation	Ahn, Sungsoo [Korea Advanced Institute of Science and Technology, Daejeon (South Korea)]; Chertkov, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/27/2016
1254992	MCNP-WHISPER Methodology for Nuclear Criticality Safety Validation	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rising, Michael Evan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/27/2016
1254994	Proton Radiography Summary of 2015-2016 LANSCE Run Cycle	Saunders, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/27/2016
1254987	Demonstration of finite element simulations in MOOSE using crystallographic models of irradiation hardening and plastic deformation	Patra, Anirban [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Wen, Wei [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/31/2016
1257095	Well Integrity and Carbon Storage	Carey, James William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/31/2016
1258366	InfraPy: Python-Based Signal Analysis Tools for Infrasound	Blom, Philip Stephen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Marcillo, Omar Eduardo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	5/31/2016
1257078	²³⁸ PuO ₂ Fuel and Dosimetry	Mayo, Douglas R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rawool-Sullivan, Mohini [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/1/2016
1257096	Monte Carlo Solutions to The Thermal Radiation Transport Equations	Cleveland, Mathew Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/1/2016
1257097	Ultrafast imaging technology for MaRIE: Why it is a material challenge & opportunity	Wang, Zehui [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/1/2016
1257098	Recent Advances in Unstructured Mesh Methods for Computational Fluid and Hydrodynamics	Waltz, Jacob I. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/1/2016
1257077	The Benchmark Extensible Tractable Testbed Engineering Resource (BETTER)	Siranosian, Antranik Antonio [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Schembri, Philip Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/2/2016
1257079	Uncertainties in the Standard Moments, the Derivation of the Y1 to Y8 parameters, and the Derivation of $w_{1₁}$ to $w_{8₈}$ for Feynman Histograms	Smith-Nelson, Mark A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/2/2016
1257072	DOE Order Training Insert Slides -May 2016	Coriz, Michelle L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/3/2016
1257073	Echo: Data and Analysis Management	Harvey, Dustin Yewell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Taylor, Stuart Glynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/3/2016
1257074	Treaty Monitoring Using Seismology, with Focus on Amplitude Modeling	Phillips, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/3/2016
1257075	MARSAME Radiological Release Report for Archaeological Artifacts Excavated from Area L	Ruedig, Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/3/2016
1257089	PrD photos 6-2016	Hyde, Peter Alden [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/3/2016
1257087	Brine Transport Experiments in Granular Salt	Jordan, Amy B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Boukhalfa, Hakim [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/6/2016
1257090	Mission: Space Plutonium-238 Heat Sources for NASA	Hollis, Rebecca Vincent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/6/2016
1257091	Bayesian Analysis of RANS Models	Nadiga, Balasubramanya T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Livescu, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/6/2016
1257092	Predictions for the drive capabilities of the RancheroS Flux Compression Generator into various load inductances using the Eulerian AMR Code Roxane	Watt, Robert Gregory [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/6/2016
1257093	Optical spectroscopy of Fe-based superconductors and Weyl semimetals	Dai, Yaomin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	6/6/2016

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1257094	CCS-6 Recruiting Slide	Casleton, Emily Michele [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1258369	Echoâ„¸ User Manual	Harvey, Dustin Yewell [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/6/2016
1257083	Use of Sources and SNM in COE Facilities	Archuleta, Jeffrey Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257085	Geophone and DY Accelerometer Array Performance for SPE-5 and Comparison with Predictions	Yang, Xiaoning [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257113	Neutron based evaluation in support of NEAMS	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bourke, Mark Andrew [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257114	Hierarchical Porous Structures	Grote, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/7/2016
1257105	Curriculum Vita	Dingus, Brenda L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257118	Addressing key ICF challenges on NIF using beryllium capsules	Kline, John L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257119	SQUIDS De-fluxing Using a Decaying AC Magnetic Field	Matlashov, Andrei Nikolaevich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Semenov, Vasilii Kirilovich [State Univ. of	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257120	China Center of Excellence Radiological Source Overview	Archuleta, Jeffrey Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/8/2016
1257107	The Bumpy Torus Experiment	Cobble, James Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/9/2016
1257108	High Performance OpenMP. A Practical Guide	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Medin, Zachary James [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/9/2016
1257101	NaI(Tl) IdentifINDER Measurements in a Thermally Transient Environment	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257109	ASC/NGC Gitlab Tutorial	Junghans, Christoph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257110	Nuclear structure $\beta\beta^{00}$ from photon strength functions to neutrinoless double beta decay	Massarczyk, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257111	Parallel Computing Summer Research Internship Overview	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nam, Hai Ah [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1324577	Challenges of Monte Carlo Transport	Long, Alex Roberts [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computational Physics and Methods (CCS-2)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/10/2016
1257102	Design of the Next Generation Spallation Target	Ferres, Laurent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1257103	Water Solubility of Plutonium and Uranium Compounds and Residues at TA-55	Reilly, Sean Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Smith, Paul Herrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1257104	University of Hawaii Laboratory Explosion, What went wrong? What went wrong? A Mentor and a Student Perspective IWSST Quarterly Presentation	Hanson, Christina J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Spencer, Khalil J. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1260363	Flow and Heat Transfer Tests in New Loop at 2757 kPa (400 psi)	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1304792	Programming Models in HPC	Shipman, Galen M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/13/2016
1257121	Evaluation of Tower Shadowing on Anemometer Measurements at Los Alamos National Laboratory	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1257122	Integral Criticality Estimators in MCATK	Nolen, Steven Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Adams, Terry R. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1257123	UDCM Operating Procedure (Limited Functionality prototype)	Newell, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1258347	NA-243 Annual Report 24.3.1.5.4 Cooperation with UK	Smith, Morag Kristin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016
1312632	Introduction to Numerical Methods	Schoonover, Joseph A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/14/2016

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1258354	Aqueous Nitrate Recovery Line at Los Alamos National Laboratory	Finstad, Casey Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/15/2016
1258353	Fundamentals of Monte Carlo	Wollaber, Allan Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/16/2016
1258365	Parallel Algorithms and Patterns	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/16/2016
1258368	The MCNP6 Analytic Criticality Benchmark Suite	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Codes Group]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/16/2016
1258350	New Tools to Prepare ACE Cross-section Files for MCNP Analytic Test Problems	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Codes Group]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258351	Los Alamos National Laboratory SAVY-4000 Field Surveillance Plan Update for 2016	Kelly, Elizabeth J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stone, Timothy Amos [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258352	MST e-News June 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258355	Linear Solvers Overview	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258356	Distributed Computing (MPI)	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258357	SPE-5 Pre- and Post-Shot UAS Photogrammetry Quick Look	Schultz-Fellenz, Emily S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Coppersmith, Ryan [Coppersmith Consulting, Inc.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/17/2016
1258358	Verification Test of the SURF and SURFplus Models in xRage: Part II	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/20/2016
1258359	Bio-Carbon Accounting for Bio-Oil Co-Processing: ¹⁴C and ¹³C/¹²C	Mora, Claudia I. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Li, Zhenghua [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/21/2016
1258363	Full report of laser doppler velocimetry (Het-V) data, results , and analysis for pRad shot 0632	Tupa, Dale [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tainter, Amy Marie [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/21/2016
1258364	De-Inventory Plan for Transuranic Waste Stored at Area G	Hargis, Kenneth Marshall [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Christensen, Davis V. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/21/2016
1258346	Atomic Beam Laser Spectrometer for In-field Isotopic Analysis	Castro, Alonso [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Actinide Analytical Chemistry Group]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1258362	Aqueous Chloride Operations Overview: Plutonium and Americium Purification/Recovery	Kimball, David Bryan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Skidmore, Bradley Evan [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259630	AFM/STM Plutonium capability, research summary and future plans	Beaux, Miles Frank [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Santiago Cordoba, Miguel A. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259632	Summary of Remediated and Unremediated Nitrate Salt Surrogate Testing in Support of the Waste Treatment Permit Application to the New Mexico Environment Department	Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259638	Advanced accelerator and mm-wave structure research at LANL	Simakov, Evgenya Ivanovna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/22/2016
1259629	Handheld Multi-Gas Meters Market Survey Report	Williams, Gustavious [Brigham Young Univ., Provo, UT (United States)]; Wald-Hopkins, Mark David [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/23/2016
1259639	Fall Protection Introduction, #33462	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/23/2016
1259633	Interface Control Document for the EMPACT Module that Estimates Electric Power Transmission System Response to EMP-Caused Damage	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mccown, Andrew William [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/26/2016
1259634	NCSP Managers Course NCERC June 2016	Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1259635	The Need for Reproducibility	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1259636	Physical Sensitization of Explosives	Hill, Larry Glenn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1259642	Handheld Multi-Gas Meters Assessment Report	Williams, Gustavious [Brigham Young Univ., Provo, UT (United States)]; Wald-Hopkins, Mark David [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/27/2016
1260346	Equation-of-State Scaling Factors	Scannapieco, Anthony J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/28/2016

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1260347	The Pulse	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/29/2016
1260350	Specialized Computational Techniques for Computing High Explosive Hydrodynamics	Aslam, Tariq Dennis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260352	IMPACT TO MISSION: Richard P. Feynman Center for Innovation, 2015 Progress Report	Johnston, Mariann R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pesiri, David R. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260353	LANL Q3 2016 Quarterly Progress Report: Science Program	Scott, Kimberly Carole [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260364	Introduction to Superconducting RF Structures and the Effect of High Pressure Rinsing	Tajima, Tsuyoshi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1261790	Overview of the Neutron experimental facilities at LANSCE	Mocko, Michal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1261800	Cylinder expansion test and gas gun experiment comparison	Harrier, Danielle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/30/2016
1260362	Alternatives to accuracy and bias metrics based on percentage errors for radiation belt modeling applications	Morley, Steven Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1260365	Introduction to Weather in Northern New Mexico	Dewart, Jean Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1260366	Argonne Bubble Experiment Thermal Model Development II	Buechler, Cynthia Eileen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1296631	Optimizing Segmentation for Quantitative Studies of Materials	Skurikhin, Alexei N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gibbs, John W. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/1/2016
1261788	Mod 1 ICS TI Report: ICS Conversion of a 140% HPGe Detector	Bounds, John Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/5/2016
1261791	Quality New Mexico Performance Excellence Award Roadrunner Application 2016	Petru, Ernest Frank [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/6/2016
1261787	Some New Verification Test Problems for Multimaterial Diffusion on Meshes that are Non-Aligned with Material Boundaries	Dawes, Alan Sidney [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Malone, Christopher M. [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261793	Multiscale Modeling using Molecular Dynamics and Dual Domain Material Point Method	Dhaka, Tilak Raj [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division. Fluid Dynamics and Solid Mechanics	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261797	HMPT: Introduction: Live #27916, Test 27917	Singledecker, Amalia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261798	Los Alamos Programming Models	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/7/2016
1261799	Management Academy LANL Business Systems: Property Management, Course #31036	Shepherd, Michael J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rinke, Helen Mae [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/8/2016
1261802	Fire Extinguisher Designated Worker and Fire Watch: Self-Study Course 15672	Harris, Jimmy D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/8/2016
1261804	Software Build and Delivery Systems	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/10/2016
1291209	Space Vehicle Reliability Modeling in DIORAMA	Tornga, Shawn Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/12/2016
1261795	RED Alert "Early warning or detection of global re-emerging infectious disease (RED)	Deshpande, Alina [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291206	Inorganic nanoparticles for third generation solar cells	Velizhanin, Kirill A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291238	Applied Research in Earth Science Summer School Flyer	Miller, Elizabeth D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291239	Applied Research in Earth Science Summer School	Miller, Elizabeth D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/13/2016
1291186	Predicting Climate Feedbacks and Impacts in the Terrestrial Arctic: w14_terraarctic progress report	Coon, Ethan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Atchley, Adam Lee [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/14/2016
1291187	2016 Institutional Computing Progress Report for w14_firetec	White, Judith W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Linn, Rodman [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	7/14/2016

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1261806	Maximizing 1D implosion performance for inertial confinement fusion science	Kline, John L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291188	Quantifying uncertainty and sensitivity in sea ice models	Urrego Blanco, Jorge Rolando [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hunke, Elizabeth Clare [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291189	WalkThrough Example Procedures for MAMA	Ruggiero, Christy E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gaschen, Brian Keith [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291192	MAMA User Guide v2.0.1	Gaschen, Brian Keith [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bloch, Jeffrey Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291237	An Overview of the Los Alamos Inertial Confinement Fusion and High-Energy-Density Physics Research Programs	Batha, Steven H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291263	Feasibility Study of Non-Destructive Techniques to Measure Corrosion in SAVY Containers	Davenport, Matthew Nicholas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1304794	A Literature Review of Shock Sensitivity Changes of TATB Due to Thermal Cycling	Ritter, Boyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); New Mexico Inst. of Mining and Technology,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/15/2016
1291180	W14_greenhousegas Multi-scale Atmospheric Modeling of Green House Gas Dispersion in Complex Terrain: Controlled Release Study	Costigan, Keeley Rochelle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sauer, Jeremy A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/18/2016
1291181	Reflection processing of the large-N seismic data from the Source Physics Experiment (SPE)	Paschall, Olivia C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/18/2016
1291183	Improvements in Earthquake Location from Joint Inversion of Seismic and Gravity Observations – Application to the Iran Region	Syracuse, Ellen Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Maceira, Monica [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/19/2016
1291184	Mathematical Formulation used by MATLAB Code to Convert FTIR Interferograms to Calibrated Spectra	Armstrong, Derek Elswick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/19/2016
1291254	Trinity Storage Infrastructure	Cunningham, Robert T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291257	DARHT Multi-intelligence Seismic and Acoustic Data Analysis	Stevens, Garrison Nicole [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Van Buren, Kendra Lu [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291259	MPA Materials Matter July 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291260	Cielo-to-Trinity Storage Infrastructure	Cunningham, Robert T. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/21/2016
1291258	Report on simulation of fission gas and fission product diffusion in UO ₂	Andersson, Anders David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Materials Science and Technology Division];	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/22/2016
1291264	Keeping the Momentum and Nuclear Forensics at Los Alamos National Laboratory	Steiner, Robert Ernest [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dion, Heather M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/22/2016
1291243	Report Viewgraphs for IC Project: Fully-coupled climate simulations with an eddy-permitting ocean component	Veneziani, Carmela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291244	Marine Aerosol Precursor Emissions for Earth System Models	Maltrud, Mathew Einar [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291245	A New Multiphase Equation of State for Composition B	Coe, Joshua Damon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Margevicius, Madeline Alma	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291251	Graduate School and Fellowship Discussion	Farrar, Charles Reed [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1304744	An Adaptive Mesh Algorithm: Mapping the Mesh Variables	Scannapieco, Anthony J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/25/2016
1291246	Trails at LANL - Public Meeting and Forum - July 26, 2016	Pava, Daniel Seth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/26/2016
1291267	Video Analysis in Multi-Intelligence	Key, Everett Kiusan [Univ. of Washington, Seattle, WA (United States); Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/27/2016
1291277	Design of the next generation target at Lujan center, LANSCE.	Ferres, Laurent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/27/2016
1291241	A Group Contribution Method for Estimating Cetane and Octane Numbers	Kubic, William Louis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Process Modeling and Analysis Group]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016
1291278	Analysis of Trinity Power Metrics for Automated Monitoring	Michalenko, Ashley Christine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016

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1296628	Treadmill Desks at LANL - Pilot Study	Fellows, Samara Kia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016
1296629	Comparison of Two Surface Contamination Sampling Techniques Conducted for the Characterization of Two Pajarito Site Manhattan Project National Historic Park	Lopez, Tammy Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016
1296630	Post-Traumatic Stress Disorder (PTSD)	Grogin, Phillip W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016
1296634	A thesis on the Development of an Automated SWIFT Edge Detection Algorithm	Trujillo, Christopher J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/28/2016
1291271	Comparison of Two Surface Contamination Sampling Techniques Conducted for the Characterization of Two Pajarito Site Manhattan Project National Historic Park	Lopez, Tammy Ann [Montana Tech of the Univ. of Montana, Butte, MT (United States); Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/29/2016
1291272	The AskIT Service Desk: A Model for Improving Productivity and Reducing Costs	Ashcraft, Phillip Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Fogle, Blythe G. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/29/2016
1291276	X-ray simulation algorithms used in ISP	Sullivan, John P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	7/29/2016
1291274	Notes on the ExactPack Implementation of the DSD Rate Stick Solver	Kaul, Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/1/2016
1296705	L4 Milestone Report for MixEOS 2016 experiments and simulations	Loomis, Eric Nicholas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bradley, Paul Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/1/2016
1298216	Gamma-Ray Interactions for Reachback Analysts	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/2/2016
1296696	FleCSI: Connection to Legion	Bergen, Benjamin Karl [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/3/2016
1296700	Offsetting Water Requirements and Stress with Enhanced Water Recovery from CO ₂ Storage	Hunter, Kelsey Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); The Ohio State Univ., Columbus, OH (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/3/2016
1296701	Design of the Next Generation Target at the Lujan Neutron Scattering Center, LANSCE	Ferres, Laurent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); National Graduate School of Engineering and Technology, University of Caen Normandy, France]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/3/2016
1298219	Detector Fundamentals for Reachback Analysts	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/3/2016
1298220	LANL ASC Advanced Technology Development and Mitigation: Next-Generation Code project (NGC)*	Daniel, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hungerford, Aimee L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/3/2016
1296706	Offsetting Water Requirements and Stress with Enhanced Water Recovery from CO ₂ Storage	Hunter, Kelsey Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/4/2016
1296707	KiloPower Program	McClure, Patrick Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/4/2016
1324542	Experimental Studies of Engineered Barrier Systems Conducted at Los Alamos National Laboratory (FY16)	Caporuscio, Florie Andre [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Norskog, Katherine Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/4/2016
1296691	Analysis of xRAGE and FLAG high explosive burn models with PBX 9404 cylinder tests	Harrier, Danielle [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andersen, Kyle Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/5/2016
1296695	Interface area transport of monodispersed spherical particulates	Chang, Chong H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/5/2016
1296697	Material Protection, Accounting, and Control Technologies (MPACT): Modeling and Simulation Roadmap	Cipiti, Benjamin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Dunn, Timothy [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/5/2016
1296698	Moving Toward an Optimal and Automated Geospatial Network for CCUS Infrastructure	Hoover, Brendan Arthur [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/5/2016
1296651	Performance Studies of Parallel Erasure Coding on Clustered Micro Storage Servers	Egan, William Douglas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Coome, Samuel William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1296652	InfiniBand Performance Characterization in Virtual Machines and Containers	Smith, Adam Nathaniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ogas, Jordan Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1296692	w15_electrochem: Computational Modeling of Electrocatalyst Materials	Holby, Edward F. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1296693	Development of a Web Interface for Search and Visualization of Self-describing Data sets	Cruz Pantoja, Omar [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1296694	DNDO Report: Predicting Solar Modulation Potentials for Modeling Cosmic Background Radiation	Behne, Patrick Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016

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1304696	Comparison of High Performance Network Options: EDR InfiniBand vs.100Gb RDMA Capable Ethernet	Kachelmeier, Luke Anthony [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Univ. of New Mexico, Albuquerque, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1304805	A multilfluid model extended for strong temperature nonequilibrium	Chang, Chong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/8/2016
1296650	Charlecloud: Unprivileged containers for user-defined software stacks in HPC	Priedhorsky, Reid [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Randles, Timothy C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296653	Hearing Conservation Live #2430	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296654	Hearing Conservation Self-Study #12350	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296655	Scaling of induction-cell transverse impedance: effect on accelerator design	Ekdahl, Carl August [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296690	Research Library 2015 Annual Report	Magnoni, Dianna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1304738	Wildland Fire Induced Heating of Dome 375 Perma-Con [®]	Flores, Eugene Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1304795	A modeling approach for heat conduction and radiation diffusion in plasma-photon mixture in temperature nonequilibrium	Chang, Chong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1312644	A High-Rate, Single-Crystal Model including Phase Transformations, Plastic Slip, and Twinning	Addessio, Francis L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Bronkhorst, Curt Allan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/9/2016
1296699	High-dose neutron detector project update	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/10/2016
1304748	TA-54 (Area G) Risk Assessment from Extreme Wildfire Scenarios	Linn, Rodman Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Koo, Eunmo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/10/2016
1304749	Redesign of the Target-Moderator-Reflector-Shield Assembly for Optimization of the Neutron Flux in the 0.001 μeV to 1 MeV at LANSCE	Nowicki, Suzanne Florence [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mocko, Michal [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/10/2016
1304735	The Efficient Utilization of Open Source Information	Baty, Samuel R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Intelligence and Systems Analysis]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304740	Beam Diagnostics Report for the Thermal Test Conducted on 3/9/2016	Holloway, Michael Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dalmas, Dale Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304742	Data Analytics of Hydraulic Fracturing Data	Zhang, Jovan Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Viswanathan, Hari [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304743	Numerical Simulation of Systems of Shear Bands in Ductile Metal with Inclusions	Plohr, JeeYeon N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304745	Examining Computational Assumptions For Godiva IV	Kirkland, Alexander Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Jaegers, Peter James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304746	Tap Testing Hammer using Unmanned Aerial Systems (UASs)	Mason, JaMein DeShon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ayorinde, Emmanuel Temiloluwa [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304747	Crenulation- \hat{A} -1 Flash Report	Rousculp, Christopher L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Oro, David Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304789	Advanced Sensor Arrays and Packaging	Ryter, John Wesley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Romero, Christopher J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1304808	Plate impact experiments on DC745U cooled to $\sim -60 \text{ }^\circ\text{C}$	Gustavsen, Richard L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Shock and Detonation Physics]; Dattelbaum, Dana M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/11/2016
1329550	Analytic computation of average energy of neutrons inducing fission	Clark, Alexander Rich [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/12/2016
1304803	Verification Test of the SURF and SURFplus Models in xRage: Part III Affect of Mesh Alignment	Menikoff, Ralph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/15/2016
1304807	Simulation of Hohraum Wall Texture for Improved Performance in Hohraums	Meyer, Isaac Chartrand [Univ. of California, Berkeley, CA (United States)]; Urbatsch, Todd James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/15/2016
1325690	29 mm Diameter Test Target Design Report	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/15/2016
1304734	xRage Equation of State	Grove, John W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	8/16/2016

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1304736	2016 Research Final Presentation	Koskelo, EliseAnne Corinne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/16/2016
1304801	Overview ID/POV Process	Wendelberger, James G. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/16/2016
1304793	Expanding the HAWC Observatory	Mori, Johanna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/17/2016
1304806	A Better Understanding of Protein Structure and Function by the Synthesis and Incorporation of Selenium- and Tellurium Containing Tryptophan Analogs	Helmey, Sherif Samir [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Bioscience Division;	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/17/2016
1312628	Parallel File System I/O Performance Testing On LANL Clusters	Wiens, Isaac Christian [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). High Performance Computing Division. Programming	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/18/2016
1304797	Velocimetry Overview for visitors from the DOD	Briggs, Matthew E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics Division]; Holtkamp, David Bruce [Los Alamos	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/19/2016
1304791	Literature Review of Nanosprings	Peterson, Reuben James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/22/2016
1324563	Using OFI libfabric on Cori/Edison	Pritchard, Howard Porter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Choi, Sung-Eun [Cray, Inc., Seattle, WA (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/22/2016
1304798	Resolving Rapid Variation in Energy for Particle Transport	Haut, Terry Scot [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences Division];	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/23/2016
1312629	(U) Los Alamos National Laboratory Pit Manufacturing	Gubernatis, David C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Greenbank, Michael Delbert [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/23/2016
1312615	Grizzly Photos 2016-08-24	Tomlinson, Robert Dale [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/24/2016
1312635	Reactor Power for Large Displacement Autonomous Underwater Vehicles	McClure, Patrick Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Reid, Robert Stowers [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/24/2016
1312562	Identifying Heterogeneities in Subsurface Environment using the Level Set Method	Lei, Hongzhan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lu, Zhiming [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312633	Characterization and application of a laser-driven intense pulsed neutron source using Trident	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312636	Improvements in Boron Plate Coating Technology for Higher Efficiency Neutron Detection and Coincidence Counting Error Reduction	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312639	Sampling and Analysis Plan for Assessment of LANL-Derived Residual Radionuclides in Soils within Tract A-16-e for Land Conveyance	Gillis, Jessica [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ruedig, Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312640	General Employee Training Live, Course 15503	Gabel, Daniel Glen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hughes, Heather [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312642	Accomplishments in the Trident Laser Facility	Fernandez, Juan Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312643	Success in Science, Success in Collaboration	Johnston, Mariann R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312645	Physics Flash August 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/25/2016
1312622	LANL Summer 2016 Report	Mendoza, Paul Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/26/2016
1312618	Special Nuclear Material Gamma-Ray Signatures for Reachback Analysts	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Myers, Steven Charles [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/29/2016
1312619	An S_N-Algorithm for Modern Architectures	Baker, Randal Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/29/2016
1312624	Gain Shift Corrections at Chi-Nu	Brown, Tristan Brooks [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Univ. of Massachusetts, Lowell, MA (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1312627	Additive Manufacturing of Hierarchical Porous Structures	Grote, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Materials Science and Technology Division. Polymers and	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1312630	Pictures from VIP Tour During CNEC and CVT Measurements 2016	Cutler, Theresa Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bahran, Rian Mustafa [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1312631	Pictures from Year Two CNEC and CVT Measurements	Hutchinson, Jesson D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bahran, Rian Mustafa [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016

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1321698	An Overview of the Monte Carlo Methods, Codes, & Applications Group	Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1321699	Los Alamos National Laboratory information session	Adams, Alex Jackson [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gardner, Darryl Paul [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/30/2016
1321700	Nested Dissection Interface Reconstruction in Pececillo	Jibben, Zechariah Joel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321701	Summer 2016	Mendoza, Paul Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321703	Capturing the Future: Direct and Indirect Probes of Neutron Capture	Couture, Aaron Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321704	Dense Plasma Focus Modeling	Li, Hui [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Li, Shengtai [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321705	HR Brochure	Sparks, Teresa M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1324576	Efficient Workflows for Curation of Heterogeneous Data Supporting Modeling of U-Nb Alloy Aging	Ward, Logan Timothy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hackenberg, Robert Errol [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	8/31/2016
1321659	Amplitude Models for Discrimination and Yield Estimation	Phillips, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321660	Treaty Monitoring Using Seismology, with Focus on High Frequency Amplitude Models	Phillips, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321661	Report on proposed improvements to FRAM uncertainty	Yoho, Michael Duncan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Porterfield, Donovan R. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321696	The search for a 100MA RancheroS magnetic flux compression generator	Watt, Robert Gregory [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1321697	Arbitrary Order Mixed Mimetic Finite Differences Method with Nodal Degrees of Freedom	Iaroshenko, Oleksandr [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gyrya, Vitaliy [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1325686	FY16 ASC ATDM L2 Milestone: PARTISN Research and FleCSI Updates	Womeldorf, Geoffrey Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Payne, Joshua Estes [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/1/2016
1312621	Anisotropic Thermal Behavior of Silicone Polymer, DC 745	Adams, Jillian Cathleen [Univ. of Oregon, Eugene, OR (United States). Dept. of Chemistry; Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321658	Extended Dry Storage Signature Bench Scale Detector Conceptual Design	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321662	Comprehensive numerical methodology for direct numerical simulations of compressible Rayleigh-Taylor instability	Reckinger, Scott James [Montana State Univ., Bozeman, MT (United States)]; Livescu, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321663	Learning Team Review 2016-0002 Parking Lot Event 2016	Wilburn, Dianne Williams [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bitteker, Leo John [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321702	Dynamic Moisture Sorption and Desorption in Fumed Silica-filled Silicone Foam	Trautschold, Olivia Carol [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1324541	The Finite Deformation Dynamic Sphere Test Problem	Versino, Daniele [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brock, Jerry Steven [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/2/2016
1321708	GoAmazon â€œ Scaling Amazon Carbon Water Couplings	Dubey, Manvendra Krishna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321709	Techniques to Understand Arctic Hydrology	Arendt, Carli Anne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321710	Pseudo-atom Molecular Dynamics in Pictures	Starrett, Charles Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321711	W14_CONTAMINANTREMIATION: High Performance Computing (HPC) for Multi-scale Decision Analyses: From Pore-scale Processes to Field-scale Contaminant Remediation	Vesselinov, Velimir Valentinov [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; O'Malley, Daniel [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321712	Optimal Transmission Line Switching under Geomagnetic Disturbances	Bent, Russell Whitford [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lu, Mowen [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1321713	NaI Measurements of Plutonium & Other Sources with the INL Coin	Karpus, Peter Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1324540	Developing Materials Processing to Performance Modeling Capabilities and the Need for Exascale Computing Architectures (and Beyond)	Schraad, Mark William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics and Engineering Models]; Luscher, Darby Jon [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016

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1324564	A New 5-Phase Equation of State for Carbon	Coe, Joshua Damon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Gammel, J. Tinka [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/6/2016
1324539	Learning Team Review 2016-0001: Installing Outlets for Programmatic Equipment	Dunwoody, John Tyler [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Obrey, Kimberly Ann [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/8/2016
1324562	OpenMPI and ExxonMobil Topics	Hjelm, Nathan Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pritchard, Howard Porter [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/9/2016
1324560	Climate Modeling: Ocean Cavities below Ice Shelves	Petersen, Mark Roger [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/12/2016
1324543	Flowrate testing of the bag filter LANCs-BOP 6CPVC-1.5-2SPVC (LANCS Industries) at 1 psig	Moore, Murray E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Currie, Karissa Lyn [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324544	2016 CSSE L3 Milestone: Deliver In Situ to XTD End Users	Patchett, John M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nouanesengsy, Boonthanome [Los Alamos	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324545	Corkscrew Motion of an Electron Beam due to Coherent Variations in Accelerating Potentials	Ekdahl, Carl August [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324547	The Last Big Bang	McGuire, Austin D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Meade, Roger Allen [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324548	Nested Dissection Interface Reconstruction in Pececillo	Jibben, Zechariah Joel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1324573	Safeguards by Design Challenge	Alwin, Jennifer Louise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/13/2016
1325667	Tycho 2: A Proxy Application for Kinetic Transport Sweeps	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Computer, Computational, and Statistical Sciences	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/14/2016
1325664	Guide to Using Onionskin Analysis Code (U)	Fugate, Michael Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Statistical Sciences Group]; Morzinski, Jerome Arthur [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/15/2016
1325689	Non-destructive Preradiation Assessment of UN / U-Si α ATF formulation	Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Losko, Adrian Simon [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/15/2016
1325691	Isolator fragmentation and explosive initiation tests	Dickson, Peter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Rae, Philip John [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/19/2016
1325660	Real-time Social Internet Data to Guide Forecasting Models	Del Valle, Sara Y. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1325662	Diamond field emitter array cathodes and possibilities for employing additive manufacturing for dielectric laser accelerating structures	Simakov, Evgeniya Ivanovna [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andrews, Heather Lynn [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1325663	Sensitivity-Uncertainty Based Nuclear Criticality Safety Validation	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Univ. of New Mexico, Albuquerque, NM (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1327985	White Paper on Potential Hazards Associated with Contaminated Cheesecloth Exposed to Nitric Acid Solutions	Hypes, Philip A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1327994	C1-continuous Virtual Element Method for Poisson-Kirchhoff plate problem	Gyrya, Vitaliy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mourad, Hashem Mohamed [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/20/2016
1327981	Signatures of Extended Storage of Used Nuclear Fuel Comprehensive Final Report	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/21/2016
1327987	DSD2D-FLS 2010: Bdzil's 2010 DSD Code Base; Computing tb and Dn with Edits to Reduce the Noise in the Dn Field Near HE Boundaries	Bdzil, John Bohdan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/21/2016
1327983	Using superconducting undulator for enhanced imaging capabilities of MaRIE	Yampolsky, Nikolai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327984	Analysis of the LSC microbunching instability in MaRIE linac reference design	Yampolsky, Nikolai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327991	Addressing Common Technical challenges in Inertial Confinement Fusion	Haynes, Donald A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327992	Double Emittance Exchanger as a Bunch Compressor for the MaRIE XFEL electron beam line at 1GeV	Malyzhenkov, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Northern Illinois Univ., DeKalb, IL (United States)];	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327993	2016 Final Reports from the Los Alamos National Laboratory Computational Physics Student Summer Workshop	Runnels, Scott Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Bachrach, Harrison Ian [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016
1327995	(U) Estimating the Photonics Budget, Resolution, and Signal Requirements for a Multi-Monochromatic X-ray Imager	Tregillis, Ian Lee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/22/2016

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1327996	MCNP Input for the HI-STORM 100S with MPC-32 canister with real source terms and simulated fuel materials	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1327997	Production Facility Prototype Blower Installation Report with 1000 Hr Test Results	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Olivas, Eric Richard [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1327998	Overview of the LANL Pyrochemical Flowsheet and other Plutonium Operations	Jackson, Jay Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parkinson, David Allen [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1327999	An Attempt to Measure the Gamma Radiation Dosage at Hiroshima from Photosensitive Material	Brixner, Berlyn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mcmillan, Edwin [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1328000	The Los Alamos Scientific Laboratory - An Isolated Nuclear Research Establishment	Bradbury, Norris E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Meade, Roger Allen [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/23/2016
1329531	Nuclear Energy Enabling Technologies (NEET) Reactor Materials: News for the Reactor Materials Crosscut, May 2016	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Materials Science in Radiation and Dynamics Extremes]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329533	Optimization of Compton Source Performance through Electron Beam Shaping	Malyzhenkov, Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Yampolsky, Nikolai [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329534	Associate Directorate Environmental Management Infrastructure Plan for Area G and Area L Domes	Stevens, Patrice Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Baumer, Andrew Ronald [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329535	L2 Milestone 5433: Characterization of Dynamic Behavior of AM and Conventionally Processed Stainless Steel (316L and 304L)	Gray, George Thompson [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Livescu, Veronica [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329536	New Mexico Small Business Assistance (NMSBA) September 2016 Advisory Council Update	Larkin, Ariana Kayla [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329542	Progress on FP13 Total Cross Section Measurements Capability	Ullmann, John Leonard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Couture, Aaron Joseph [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/26/2016
1329543	Plutonium Critical Mass Curve Comparison to Mass at Upper Subcritical Limit (USL) Using Whisper	Alwin, Jennifer Louise [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Codes]; Zhang, Ning [Los Alamos National	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329544	A Review of Current Machine Learning Methods Used for Cancer Recurrence Modeling and Prediction	Hemphill, GERALYN M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329546	Wavelet Transforms using VTK-m	Li, Shaomeng [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sewell, Christopher Meyer [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329547	Visualization and Data Analysis for High-Performance Computing	Sewell, Christopher Meyer [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329551	What Do Owls, Salamanders, Flycatchers and Cuckoos Have In Common?	Musgrave, Maria A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Wildlife Management]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/27/2016
1329538	Aqueous Chloride Operations Overview: Plutonium and Americium Purification/Recovery	Gardner, Kyle Shelton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kimball, David Bryan [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329603	Signatures of Extended Storage of Used Nuclear Fuel in Casks	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329604	Arctic Riverine CDOM and its effects on the Polar Marine Light Field	Orandle, Zoe Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Weijer, Wilbert [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329605	Boron-lined parallel-plate Collar	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329606	Kinetic Transport Equations and Parallel Computing	Garrett, Charles Kristopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329608	The Perils of Paul: Near Disasters in Airborne Radiochemical Sampling	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/28/2016
1329633	Report on Concepts & Approaches for SSB for eCHEM	Murphy, Chantell Lynne-Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329642	Test Plan for Cask Identification Detector	Rauch, Eric Benton [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329644	Theoretical Insight into Shocked Gases	Leiding, Jeffery Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329647	Radioisotopic Thermoelectric Generator (RTG) Surveillance	Mulford, Roberta Nancy [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329648	Experimental Determination of Demand Response Control Models and Cost of Control for Ensembles of Window-Mount Air Conditioners	Geller, Drew Adam [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Backhaus, Scott N. [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016

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1329649	Off-Site Source Recovery Project Overview.	Coel-Roback, Rebecca J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/29/2016
1329650	Nuclear Forensics at Los Alamos National Laboratory	Kinman, William Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Steiner, Robert Ernest [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329651	Enhancements to BISON U-Zr Metallic Fuel X447 Example Problem	Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Matthews, Christopher [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329652	Constituent Redistribution in U-Zr Metallic Fuel Using the Advanced Fuel Performance Code BISON	Galloway, Jack D. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Unal, Cetin [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329653	Material Protection, Accounting, and Control Technologies (MPACT) Advanced Integration Roadmap	Durkee, Joe W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cipiti, Ben [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329654	Actinide Analytical Chemistry Capabilities -Los Alamos National Laboratory	Xu, Ning [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	9/30/2016
1329691	The Rock that Hit New York	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Keksis, August Lawrence [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329692	Los Alamos National Laboratory JOWOG 31 Weapons Engineering Education & Training	Domzalski, Mark W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329695	Update on LANL DU U-10Mo Casting and on Characterization of Y-12 LEU Casting	Aikin, Robert M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Clarke, Amy Jean [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329696	Metallography of High Carbon Content Cold-rolled U-10Mo - LEU	Hammon, Duncan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Alexander, David John [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/3/2016
1329698	ROMUSE 2.0 User Manual	Khuwailah, Bassam [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Turinsky, Paul [North Carolina State Univ., Raleigh, NC	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329699	User Guidelines and Best Practices for CASL VUQ Analysis Using Dakota	Adams, Brian M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Coleman, Kayla [North Carolina State Univ., Raleigh, NC (United	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329700	Milestone 5431: Chi-Nu Measurements of Prompt Fission Neutron Spectra (PFNS)	White, Morgan Curtis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Devlin, Matthew James [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329701	Multiferroic Response Engineering in Mesoscale Oxide Structures	Yarotski, Dmitry Anatolievitch [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329702	NDE Solutions: Imaging SCC with Acoustic Techniques	Remillieux, Marcel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Ulrich, Timothy James [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329818	Los Alamos National Laboratory Request for Proposals: Trident Laser System (TLS) Redeployment and Life Extension, October 5, 2016	Stringer, Steven F. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/4/2016
1329815	The Concept of Reliability and Trustworthiness	Atencio, Julian James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/5/2016
1329820	Semi-classical Electrodynamics: A Short Note	Lestone, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/5/2016
1329821	The α -ion-electron semi-analytic shock solution for code-comparison with xRAGE: A report for FY16	Ferguson, Jim Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/5/2016
1329823	Doubly-Hierarchical One-Way Random Effects Model: Multivariate Data	Sigeti, David Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vander Wiel, Scott Alan [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329824	NNSA Nuclear Smuggling Detection and Deterrence	Brock, Jason Carter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329825	Simulation-Informed Performance Tuning for Monte Carlo Proton Transport on GPUs	Zieb, Kristofer James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329826	MST e-News October 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329833	Radiation Protection Programs Portfolio	Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/6/2016
1329834	Environmental Protection and Compliance Program Portfolio	Lopez, Lorraine Bonds [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016
1329835	Gas Generation of Heated PBX 9502	Holmes, Matthew David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parker, Gary Robert [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016
1329836	MPA: Materials Physics and Applications	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016

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1329840	Cosmic Ray Muon Tomography	Durham, J. Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/7/2016
1329841	Carbon Nanotube Coated Conductors	Holesinger, Terry George [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/11/2016
1329842	Biogeochemistry of CICE: the Los Alamos Sea Ice Model Documentation and Software User's Manual zbgc_colpkg modifications to Version 5	Jeffery, Nicole [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Elliott, Scott M. [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/11/2016
1329843	Rapid Response: D-Wave Effort Debrief Welcome, Logistics	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/11/2016
1329845	NonDestructive Evaluation for Industrial & Development Applications	Hunter, James F. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/12/2016
1329846	NJOY and MCNP	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/12/2016
1334098	Sample EP Flow Analysis of Severely Damaged Networks	Werley, Kenneth Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; McCown, Andrew William [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/12/2016
1329848	Multiphase Flow Calculations in CartaBlanca	Zhang, Duan Zhong [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1329849	2016 Research Outreach Program report	Lee, Hye Young [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kim, Yangkyu [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1329850	Research Topics in Malware	Pearce, Lauren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1330055	Graph Partitioning using the D-Wave for Electronic Structure Problems	Mniszewski, Susan M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Negre, Christian Francisco [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1330056	QED Based Calculation of the Fine Structure Constant	Lestone, John Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/13/2016
1330059	Comparison of Statistical Methods for Detector Testing Programs	Rennie, John Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Abhold, Mark [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/14/2016
1330060	Using NJOY to Create MCNP ACE Files and Visualize Nuclear Data	Kahler, Albert Comstock [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/14/2016
1330061	Life After SFS	Pearce, Lauren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330062	Malware Analysis in a Nutshell	Pearce, Lauren [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330063	nLTE performance improvements with inlinlte	Holladay, Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330067	With Whom Does LANL Publish? â€œ A look at LANL collaborations from 1990 -2015 using the Web of Science	Springer, Everett P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330069	Pulsed Power Science and Technology: A Strategic Outlook for the National Nuclear Security Administration (Summary)	Sinars, Daniel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Scott, Kimberly Carole [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1330070	An update to the computation of the Goudsmit-Saunderson distribution in MCNP � version 6.2	Dixon, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/17/2016
1329816	Non-destructive Quantitative Phase Analysis and Microstructural Characterization of Zirconium Coated U-10Mo Fuel Foils via Neutron Diffraction	Cummins, Dustin Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vogel, Sven C. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330066	Pu239 Cross-Section Variations Based on Experimental Uncertainties and Covariances	Sigeti, David Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Williams, Brian J. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330071	Discrete Fracture Network Modeling and Simulation of Subsurface Transport for the Topopah Springs and Lava Flow Aquifers at Pahute Mesa, FY 15 Progress Report	Makedonska, Natalia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kwicklis, Edward Michael [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330072	Production Facility Prototype Blower 1000 Hour Test Results	Woloshun, Keith Albert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Dale, Gregory E. [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330073	Plasma Sprayed Zirconium Diffusion Barrier Development for Monolithic U-Mo Metallic Fuels	Cummins, Dustin Ray [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hollis, Kendall Jon [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330075	Report on MPACT Deliverable M3FT-16LA04106035 (High Dose Evaluation of Improved PDT Detector Pod)	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlova, Daniela [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/18/2016
1330078	Literature Review: Weldability of Iridium DOP-26 Alloy for General Purpose Heat Source	Burgardt, Paul [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Pierce, Stanley W. [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los A	10/19/2016

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1330079	Graph Partitioning Methods for Fast Parallel Quantum Molecular Dynamics	Djidjev, Hristo Nikolov [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hahn, Georg [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/19/2016
1330080	Parallel Algorithms for the Exascale Era	Robey, Robert W. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/19/2016
1329537	Comparison of femtosecond and nanosecond laser ablation inductively coupled plasma mass spectrometry for uranium isotopic measurements	Havrilla, George Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; McIntosh, Kathryn Gallagher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/20/2016
1330082	Computing at Los Alamos: A Brief Overview, and Details on Codesign Performance Prediction through Just-in-time-compiled Parallel Discrete Event Simulation	Eidenbenz, Stephan Johannes [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/20/2016
1330083	Density of Plutonium Turnings Generated from Machining Activities	Gonzales, John Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vigil, Duane M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/20/2016
1330084	Challenges and Successes of Solving Binary Quadratic Programming Benchmarks on the DW2X QPU	Coffrin, Carleton James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nagarajan, Harsha [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/20/2016
1330173	Milestone report: The simulation of radiation driven gas diffusion in UO ₂ at low temperature	Cooper, Michael William [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kuganathan, Navaratnarajah [Imperial College, London, United Kingdom]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/24/2016
1330174	Development and Execution of a Large-scale DDT Tube Test for IHE Material Qualification	Parker, Gary Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Broilo, Robert M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/24/2016
1330177	Modeling Zika plasma viral dynamics in non-human primates: insights into viral pathogenesis and antiviral strategies	Best, Katharine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Guedj, Jeremie [Univ. of Paris (France). IAME]; Madelain, Vincent [Univ. of Paris (France). IAME]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/24/2016
1330178	A History of Security Stations at Los Alamos National Laboratory	Holtkamp, David M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Brunette, Jeremy Christopher [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/24/2016
1330175	Kinetic Interaction of Uranium Vacancies and Dislocations in UO ₂	Uberuaga, Blas P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Goyal, Anuj [Univ. of Florida, Gainesville, FL (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/25/2016
1330179	Production of FR Tubing from Advanced ODS Alloys	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lavender, Curt [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/25/2016
1330180	Tailoring Light-Matter Interactions with Magneto-Optical Materials	de Melo Kort-Kamp, Wilton Junior [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/25/2016
1330181	Summaries of FY16 LANL experimental campaigns at the OMEGA and EP Laser Facilities	Loomis, Eric Nicholas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Merritt, Elizabeth Catherine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/25/2016
1330623	2016 KIVA-hpFE Development: A Robust and Accurate Engine Modeling Software	Carrington, David Bradley [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Waters, Jijia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/25/2016
1330624	Radial diffusion in non-dipolar background fields	Cunningham, Gregory Scott [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/26/2016
1330625	R-X Modeling Figures	Goda, Joetta Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Miller, Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/26/2016
1330626	Radiation Protection Program: Radiological Engineering	Griffin, Matthew Alden [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/26/2016
1330627	Experimental Planning for LYNM Source	Williams, Brian J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Anderson, Dale [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/26/2016
1330628	MPA Materials Matter October 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/26/2016
1330630	Benchmarking PARTISN with Analog Monte Carlo: Moments of the Neutron Number and the Cumulative Fission Number Probability Distributions	O'Rourke, Patrick Francis [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/27/2016
1330632	Gas Cylinder Safety, Course 9518	Glass, George [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/27/2016
1330633	Countroom Overview	Dry, Donald E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; James, Michael R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/27/2016
1330636	Modal model: a material interface stability model	Canfield, Jesse M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/27/2016
1330638	Nondestructive Assay Data Integration with the SKB-50 Assemblies - FY16 Update	Tobin, Stephen Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Fugate, Michael Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/28/2016
1330639	Preliminary Exploration of Encounter During Transit Across Southern Africa	Stroud, Phillip David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cuellar-Hengartner, Leticia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/28/2016
1330640	Demonstration of Ciclops and Electric Distribution Damage in the AGAVE Web Application (slides)	Linger, Steve P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Coffrin, Carleton James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/28/2016

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1330641	Bishop All Hands 11-3-16	Bishop, Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330642	Supernova Remnant Studies	Fryer, Christopher Lee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330646	Continuous Energy Photon Transport Implementation in MCATK	Adams, Terry R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330647	Trident Utility Requirements	Johnson, Randall Philip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1332212	Assess How Changes in Fuel Cycle Operation Impact Safeguards	Tobin, Stephen Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Nuclear Engineering and Nonproliferation Division];	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1334106	Feasibility Study for Electrical Discharge Machining of Large DU-Mo Castings	Hill, Mary Ann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). SIGMA Division]; Dombrowski, David E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	10/31/2016
1330648	Lewis-Kuhn Lab Overview 11-3-16	Bishop, Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330649	Trident Laser Building Layout	Johnson, Randall Philip [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330650	On the possibility of 3D imaging with a single-beam diagnostics	Yampolsky, Nikolai [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330651	KRUSTY Design and Modeling	Poston, David Irvin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330652	EMP/GMD Phase 0 Report, A Review of EMP Hazard Environments and Impacts	Rivera, Michael Kelly [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Backhaus, Scott N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1330653	Wildlife Monitoring on the Pajarito Plateau	Musgrave, Maria A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Phillips, Emily Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/1/2016
1331246	Seismic Spectrogram Recognition by Matching the Energy Distributions	Skurikhin, Alexei N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Stead, Richard J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/2/2016
1331252	Engineering Survival Skills: Keeping a Lab Notebook	Cattaneo, Alessandro [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/3/2016
1331254	Nondestructive Analysis of MET-5 Paint Can at TA35 Building 2 A-Wing Vault	Desimone, David J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vo, Duc Ta [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/3/2016
1331255	We are hiring	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/4/2016
1331256	Expansion of 3D vector fields and second-rank tensor fields in spherical harmonics (SHE). Notes from 1999 by Charles Zemach [Retired, LANL Scientist and Affiliate (1976-2004)].	Zemach, Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kurien, Susan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/4/2016
1331293	Monte Carlo analysis: error of extrapolated thermal conductivity from molecular dynamics simulations	Liu, Xiang-Yang [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Andersson, Anders David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331294	Oxidizer Scoping Studies	Chancellor, Christopher John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331296	Semi-Analytic Benchmarks for MCNP6	Grechanuk, Pavel Aleksandrovi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331297	Semi-Analytical Benchmarks for MCNP6	Grechanuk, Pavel Aleksandrovi [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331298	Characterization and Testing of Improved Hydrogen Getter Materials - FY16 Annual Report	Hubbard, Kevin Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sandoval, Cynthia Wathen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331299	Constrained Shortest Path Estimation on the D-Wave 2X: Accelerating Ionospheric Parameter Estimation Through Quantum Annealing	Baker, Zachary Kent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1332213	Photon Next-Event Estimator Implementation in MCATK	Sweezy, Jeremy Ed [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Methods, Codes, and Applications Group.]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/7/2016
1331302	Development of a Waste Vault Directional Assay System (VDAS)	LaFleur, Adrienne Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331303	Development of a Waste Vault Directional Assay System (VDAS)	LaFleur, Adrienne Marie [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331304	Nuclear Data Processing at Los Alamos National Laboratory	Conlin, Jeremy Lloyd [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016

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1331305	High-Dose Neutron Detector Development Using 10B Coated Cells	Menlove, Howard Olsen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Henzlava, Daniela [Los Alamos National Lab.]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331306	A journey from nuclear criticality methods to high energy density radflow experiments	Urbatsch, Todd James [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1331307	Characterization of the Geosynchronous Plasma Environment for the SENSER/RROE Optical Instrument	Woodroffe, Jesse Richard [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1332202	KNL I/O on Gadget and Trinitite	Torrez, Alfred [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/8/2016
1332201	Measuring the Multiplication of Spent Fuel Assemblies â€” Itâ€™s easier than you think!	Tobin, Stephen Joseph [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/9/2016
1332205	Estimating the AmLi Neutron Spectrum from Measured Ring Ratios	Weinmann-Smith, Robert [Univ. of Florida, Gainesville, FL (United States)]; Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/10/2016
1332208	DOE - BES Nanoscale Science Research Centers (NSRCs)	Beecher, Cathy Jo [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332210	Empire: New Mexico's First Television Program	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332211	Radiochemistry and the Study of Fission	Rundberg, Robert S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332214	Notes from 1999 on computational algorithm of the Local Wave-Vector (LWV) model for the dynamical evolution of the second-rank velocity correlation tensor starting from the	Zemach, Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kurien, Susan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332216	Organic Synthetic Advanced Materials for Optoelectronic and Energy Applications (at National Taipei University of Technology)	Yen, Hung-Ju [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332217	Organic Synthetic Advanced Materials for Optoelectronic and Energy Applications (at National Sun Yat-sen University)	Yen, Hung-Ju [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332218	Organic Synthetic Advanced Materials for Optoelectronic and Energy Applications (at Center for Condensed Matter Sciences)	Yen, Hung-Ju [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Chemistry Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/14/2016
1332219	Generative Modeling for Machine Learning on the D-Wave	Thulasidasan, Sunil [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Information Sciences Group]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1333117	Thermal Stress Awareness, Self-Study #18649	Chochoms, Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1333118	PacBio-sequenced data files for the sugar beet genome	Davenport, Karen Walston [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1334093	Texture and phase analysis of deformed SUS304 by using HIPPO	Takajo, Shigehiro [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Vogel, Sven C. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/15/2016
1333119	Radiation Detection Overview for Nuclear Emergency Response	Myers, Steven Charles [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/16/2016
1334084	Shock and Release Response of Unreacted Epon 828: Shot 2s-905	Pisa, Matthew Alexander [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Fredenburg, David A. [Los Alamos National Lab.]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/16/2016
1332209	Introduction to High Explosives Science	Skidmore, Cary Bradford [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Preston, Daniel N. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333123	The Postwar Laboratory	Meade, Roger Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333124	Spectral Shifting in Nondestructive Assay Instrumentation	Trellue, Holly Renee [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Nettleton, Anthony Steven [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333126	The Microbiology of Subsurface, Salt-Based Nuclear Waste Repositories: Using Microbial Ecology, Bioenergetics, and Projected Conditions to Help Predict Microbial Effects on	Swanson, Juliet S. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Cherkouk, Andrea [Helmholtz-Zentrum Dresden-	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1334087	Possible Nuclear Safeguards Applications: Workshop on Next-Generation Laser Compton Gamma Source	Durham, J. Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Physics Division]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/17/2016
1333128	MarFS: A Scalable Near-POSIX Name Space over Cloud Objects â€” New Features	Bonnie, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lamb, Kyle E. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/21/2016
1333129	(U) SENSIMG: First-Order Sensitivities of Neutron Reaction Rates, Reaction-Rate Ratios, Leakage, keff, and Î± Using PARTISN	Favorite, Jeffrey A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/21/2016
1334096	Advancing radiation balanced lasers (RBLs) in rare-earth (RE)-doped solids	Hehlen, Markus Peter [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States)	11/21/2016

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1334088	Ab initio study of the effects of dilute defects on the local structure of unalloyed \bar{T} -plutonium	Hernandez, Sarah Christine [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Kisiel, Elliot Steven [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334089	Parameterization of a Cookoff Model for LX-07	Aviles-Ramos, Cuauhtemoc [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Advanced Engineering Analysis Group (W-13)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334090	High-Voltage Breakdown Penalties for the Beam-Breakup Instability	Ekdahl, Carl August [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334091	2016.11.22 Updated Materials Physics and Applications Division Overview Presentation for TV monitor in 3-1415-Lobby	Duran, Susan M. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/22/2016
1334094	A Handbook for Derivative Classifiers at Los Alamos National Laboratory	Sinkula, Barbara Jean [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334099	Operational Characteristics of an Accelerator Driven Fissile Solution System	Kimpland, Robert Herbert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334100	Effect of Pressure Gradients on the Initiation of PBX-9502 via Irregular (Mach) Reflection of Low Pressure Curved Shock Waves	Hull, Lawrence Mark [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Miller, Phillip Isaac [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334101	Waste Generation Overview, Course 23263	Simpson, Lewis Edward [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/28/2016
1334102	Monte Carlo Techniques for Nuclear Systems - Theory Lectures	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Methods, Codes, and Applications Group;	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334105	GPS Radiation Measurements: Instrument Modeling and Simulation (Project w14_gpsradiation)	Sullivan, John P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334107	Temperature derivatives for fusion reactivity of D-D and D-T	Langenbrunner, James R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Makaruk, Hanna Ewa [Los Alamos National Lab.	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334108	Criticality Calculations with MCNP6 - Practical Lectures	Brown, Forrest B. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Monte Carlo Methods, Codes, and Applications (XCP-3)];	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334109	2016 T Division Lightning Talks	Ramsey, Marilyn Leann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Theoretical Division]; Adams, Luke Clyde [Los	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334110	TA-55 and Sigma Overview	Spearing, Dane Robert [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). Safeguards Science and Technology Group (NEN-	TR	LANL	Los Alamos National Lab. (LANL), Los A	11/29/2016
1334103	Physics Flash December 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States). ADEPS Communications]	TR	LANL	Los Alamos National Lab. (LANL), Los A	12/1/2016
1245114	Analytical Formulas for Short Bunch Wakes in a Flat Dechirper	Bane, Karl [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Stupakov, Gennady [SLAC National Accelerator Lab., Menlo Park, CA	TR	SLAC	Los Alamos National Lab. (LANL), Los A	3/29/2016
1261789	A 1-D Study of the Ignition Space for Magnetic Indirect (X-ray) Drive Targets	Cobble, James Allen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Sinars, Daniel Brian [Sandia National Lab. (SNL-NM),	TR	LANL	Los Alamos National Lab. (LANL), Los A	6/2/2016
1325682	Derivation of Authorized Limits for Land Transfer at Los Alamos National Laboratory	Perona, Ralph [Neptune and Company, Inc., Bellingham, WA (United States)]; Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Neptune and Company, Inc.,	9/14/2016
1325659	Characterization of Tubing from Advanced ODS alloy (FCRD-NFA1)	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Aydogan, Eda [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Pacific Northwest National Lab.	9/20/2016
1325688	Viability of thin wall tube forming of ATF FeCrAl	Maloy, Stuart Andrew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Aydogan, Eda [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Lab. (LANL), Los Alamos, NM (United States); Pacific Northwest National Lab.	9/16/2016
1235219	Feature Extraction for Structural Dynamics Model Validation	Farrar, Charles [Los Alamos National Laboratory]; Nishio, Mayuko [Yokohama University]; Hemez, Francois [Los Alamos National Laboratory]; Stull,	TR	LANL	Los Alamos National Laboratory (LANL)	1/13/2016
1235220	High-dose neutron detector development	Henzlova, Daniela [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Menlove, Howard Olsen [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	1/14/2016
1235221	Emission Spectroscopy of the 4X Source Discharge With and Without N₂ Gas	Smith, Horace Vernon [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/14/2016
1235216	ta 60 warehouse swppp	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/15/2016
1235217	ta 60 heavy equipment yard swppp	Heintschel, Cliff Lynn [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	1/15/2016
1235218	Los Alamos and Lawrence Livermore National Laboratories Code-to-Code Comparison of Inter Lab Test Problem 1 for Asteroid Impact Hazard Mitigation	Weaver, Robert P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Miller, Paul [Lawrence Livermore National Lab. (LLNL),	TR	LANL	Los Alamos National Laboratory (LANL)	1/15/2016
1237412	A defect density-based constitutive crystal plasticity framework for modeling the plastic deformation of Fe-Cr-Al cladding alloys subsequent to irradiation	Patra, Anirban [Los Alamos National Laboratory]; Wen, Wei [Los Alamos National Laboratory]; Martinez Saez, Enrique [Los Alamos National	TR	LANL	Los Alamos National Laboratory (LANL)	2/5/2016

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1239914	Pressure Safety: Advanced Live 11459	Glass, George [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/2/2016
1240807	Treatment Study Plan for Nitrate Salt Waste Remediation Revision 1.0	Juarez, Catherine L. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Funk, David John [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/7/2016
1242906	Technical Area 60-002 Salvage and Warehouse Area	Heintschel, Cliff Lynn [Los Alamos National Laboratory]; Wheeler, Holly Lynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2016
1242915	M-7 High Explosives Science and Technology Analytical Laboratory Report Analytical Lab# 52219	Brown, Geoffrey Wayne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242916	Influence of Grain Boundary Properties and Orientation on Void Nucleation	Fensin, Saryu Jindal [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242925	Flammable Gas Safety Self-Study 52827	Glass, George [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242926	LAFD: TA-15 DARHT Firefighter Facility Familiarization Tour, OJT 53044, Revision 0.2	Rutherford, Victor Stephen [Los Alamos National Laboratory]; Priestley, Terry B. [Los Alamos National Laboratory]; Maestas, Marvin Manuel	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242927	Control of Delta Robot and Development of Servo Hook using Python Programming	Bae, Dae-Yun [Los Alamos National Laboratory-Chonbuk National University Engineering Institute, Korea]; Mascarenas, David Dennis [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242928	MST e-News March 2016	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/17/2016
1242929	Threshold Magnitudes for Detecting Small Explosions via Waveform Matching	Carmichael, Joshua Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/18/2016
1242930	Rapid heating of matter with high power lasers	Bang, Woosuk [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/18/2016
1242919	Quantifying antiviral activity optimizes drug combinations against hepatitis C virus infection	Koizumi, Yoshiki [School of Medicine, College of Medical, Pharmaceutical and Health Sciences, Kanazawa University, Ishikawa, Japan]; Nakajim,	TR	LANL	Los Alamos National Laboratory (LANL)	3/21/2016
1242920	Investigation of Surface Phenomena in Shocked Tin in Converging Geometry	Rousculp, Christopher L. [Los Alamos National Laboratory]; Oro, David Michael [Los Alamos National Laboratory]; Griego, Jeffrey Randall [Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/21/2016
1242921	NCSP NCERC Class Pictures February 2016	Cutler, Theresa Elizabeth [Los Alamos National Laboratory]; Hutchinson, Jesson D. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/22/2016
1242923	Los Alamos National Laboratory's Approach to Metal Additive Manufacturing	Knapp, Cameron M. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/22/2016
1241640	Technical Area 60-0001 Heavy Equipment (Motor Pool) Shop Areas	Heintschel, Cliff Lynn [Los Alamos National Laboratory]; Wheeler, Holly Lynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244321	Nanotechnology Safety Self-Study	Groggin, Phillip W. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1237271	Request for Information from entities interested in commercializing Laboratory-developed advanced in vitro assessment technology	Intrator, Miranda Huang [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2016
1245558	2016 KIVA-hpFE Development. A Robust and Accurate Engine Modeling Software	Carrington, David Bradley [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	3/30/2016
1245549	i-Expense Oracle SIG	Montoya, Frederic Daniel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2016
1245550	Crane. Incidental Classroom Instruction 20295	Reynolds, Richard Jennings [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/1/2016
1245568	Confined Tube Crimp Using Portable Hand Tools	Reynolds, Joseph James [Los Alamos National Laboratory]; Pereyra, R. A. [LANL Retired]; Archuleta, Jeffrey Christopher [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245569	Results from Second Round of Remediated Nitrate Salt Surrogate Formulation and Testing	Brown, Geoffrey Wayne [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Leonard, Philip [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245572	LANL Institutional Decision Support By Process Modeling and Analysis Group (AET-2)	Booth, Steven Richard [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245574	An Early Quantum Computing Proposal	Lee, Stephen Russell [Los Alamos National Laboratory]; Alexander, Francis Joseph [Los Alamos National Laboratory]; Barros, Kipton	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245575	M-7 High Explosives Science and Technology Analytical Laboratory Data #52249	Brown, Geoffrey Wayne [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/4/2016
1245551	The Antibacterial Resistance Threat. Are We Heading Toward a Post-Antibiotic Era?	Giorgi, Elena Edi [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2016

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1245552	Numerical Studies of Nano-Film, Wire and Dot Transitions with Emergent Nano Properties	Wendelberger, James G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/5/2016
1248101	LANL's Weather Machine and Comparison of KLAM with Nearby Wind Data	Bruggeman, David Alan [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/12/2016
1245571	Antigovernment Groups. A Growing Threat to US Security	Swift, Alicia L. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	4/25/2016
1253502	Technical Basis for the Removal of Unremediated Nitrate Salt Sampling (UNS) to Support LANL Treatment Studies	Funk, David John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	5/5/2016
1248100	Computable general equilibrium model fiscal year 2014 capability development report	Edwards, Brian Keith [Los Alamos National Laboratory]; Boero, Riccardo [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/11/2016
1253557	DIORAMA Communications	Galassi, Mark C. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	5/24/2016
1291247	An Adaptive Mesh Algorithm: Mesh Structure and Generation	Scannapieco, Anthony J. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	6/21/2016
1239926	Respirators: APR Issuer Self Study 33461	Chochoms, Michael [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	7/13/2016
1278753	Gap Analysis of Storage Conditions between NNSS and LANL for SAVY 4000 Use	Reeves, Kirk Patrick [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Smith, Paul Herrick [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	7/25/2016
1291182	Proof-of-Concept Study for Uncertainty Quantification and Sensitivity Analysis using the BRL Shaped-Charge Example	Hughes, Justin Matthew [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mississippi State Univ., Mississippi State, MS	TR	LANL	Los Alamos National Laboratory (LANL)	7/28/2016
1259631	Confined Space Evaluation Student Manual, #19613	Wilmot, David Ezekiel [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	8/29/2016
1304821	Analytic EoS and PTW strength model recommendation for Starck Ta	Sjue, Sky K. [Los Alamos National Laboratory]; Prime, Michael Bruce [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	9/1/2016
1323383	Molybdenum Disilicide Oxidation Kinetics in High Temperature Steam	Wood, Elizabeth Sooby [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Parker, Stephen Scott [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	9/7/2016
1329043	FINAL REPORT OF THE PEÑA BLANCA NATURAL ANALOGUE PROJECT	Goldstein, Steven Joel [Los Alamos National Laboratory]; Levy, Schon S. [Los Alamos National Laboratory (retired)]; Abdel-Fattah, Amr I. [Los	TR	LANL	Los Alamos National Laboratory (LANL)	10/4/2016
1321707	Coupled Thermal-Hydrologic-Chemical Coupled Model for In-Drift Disposal Test	Jordan, Amy B. [Los Alamos National Laboratory]; Stauffer, Philip H. [Los Alamos National Laboratory]; Zvoloski, George Anthony [Los	TR	LANL	Los Alamos National Laboratory (LANL)	10/24/2016
1304800	Non-Destructive Assay (NDA) Uncertainties Impact on Physical Inventory Difference (ID) and Material Balance Determination: Sources of Error, Precision/Accuracy, and ID/Propagation of	Wendelberger, James G. [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	10/31/2016
1331253	Nondestructive Analysis of MET-5 Drum at TA35 Building 2 A-Wing Vault.	Desimone, David J. [Los Alamos National Laboratory]; Vo, Duc Ta [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/3/2016
1254262	Welcome to Los Alamos National Laboratory	Rosenberg, Nina Dale [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/8/2016
1331301	Instructional Design Briefing A Brief Overview in Relation to the China COE	Osburn, Laura Ann [Los Alamos National Laboratory]; Glasco, Bethany Lynn [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/10/2016
1331300	Los Alamos Neutron Science Center	Kippen, Karen Elizabeth [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/16/2016
1325661	Lifetime Extension Report: Progress on the SAVY-4000 Lifetime Extension Program	Weis, Eric [Los Alamos National Laboratory]; Welch, Cynthia F. [Los Alamos National Laboratory]; Smith, Paul Herrick [Los Alamos	TR	LANL	Los Alamos National Laboratory (LANL)	11/17/2016
1239928	Determination of an Ergonomically Sound Glovebox Glove Port Center Line	Christman, Marissa St John [Los Alamos National Laboratory]	TR	LANL	Los Alamos National Laboratory (LANL)	11/30/2016
1242894	(U) Design Considerations for Obtaining Deep Release in Reacted Epon 828	Fredenburg, David A. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Lang, John Michael [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	3/16/2016
1244314	Delivering HPC Systems to 132 Dock	Kettering, Brett Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244315	Online Manufacturing Training. ToolingU Review (U)	Montano, Joshua Daniel [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244382	Interfacing VSPC with finite element codes. Demonstration of irradiation growth simulation in a cladding tube	Patra, Anirban [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Tome, Carlos [Los Alamos National Lab. (LANL), Los Alamos, NM	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016
1244383	DOE and JAEA Field Trial of the Single Chip Shift Register (SCSR)	Newell, Matthew R. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/23/2016

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1244320	LANL Hydrogen Processing Laboratory (HPL), Data acquisition and control system upgrade	Dogruel, David [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Hollis, William Kirk [Los Alamos National Lab. (LANL), Los Alamos,	TR	LANL	Los Alamos National Laboratory (LANL)	3/24/2016
1244322	Evaluation of the Likelihood for Thermal Runaway for Nitrate Salt Containers in Storage at Los Alamos National Laboratory	Heatwole, Eric Mann [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Gunderson, Jake Alfred [Los Alamos National Lab.	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244323	Mapping The Brightness Of The Ocean Bottoms	Milazzo, Damien Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244324	Capabilities and Validation Needs of the Monte Carlo Application ToolKit (MCATK)	Trahan, Travis John [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244325	Basic Statistics and Uncertainty Propagation	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244326	SPE-5 Ground-Motion Prediction at Far-Field Geophone and Accelerometer Array Sites and SPE-5 Moment and Corner-Frequency Prediction	Yang, Xiaoning [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Patton, Howard John [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/25/2016
1244313	Optical spectroscopy of the Weyl semimetal TaAs	Dai, Yaomin [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Taylor, Antoinette Jane [Los Alamos National Lab. (LANL), Los	TR	LANL	Los Alamos National Laboratory (LANL)	3/28/2016
1244327	LANL Environmental ALARA Program Status Report for CY 2015	Whicker, Jeffrey Jay [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Mcnaughton, Michael [Los Alamos National Lab.	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244329	Physics Flash March 2016	Kippen, Karen Elizabeth [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244330	Engagement Activities on Safeguards & Security by Design (SSBD) for Used Fuel Extended Storage	Scherer, Carolyn P. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244331	U/Pu Analysis with Gamma-Ray Spectroscopy	Geist, William H. [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1244333	Spent fuel measurements. passive neutron albedo reactivity (PNAR) and photon signatures	Eigenbrodt, Julia [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Menlove, Howard Olsen [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	3/29/2016
1248119	Astrophysics and Sub-Critical Physics at LANL	Medina, Brandon Michael [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	LANL	Los Alamos National Laboratory (LANL)	4/14/2016
1296627	Development of Techniques for Spent Fuel Assay "æ" Differential Dieaway Final Report	Swinhoe, Martyn Thomas [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]; Goodsell, Alison [Los Alamos National Lab. (LANL),	TR	LANL	Los Alamos National Laboratory (LANL)	7/28/2016
1238574	System Impact Study of the Eastern Grid of Sumba Island, Indonesia: Steady-State and Dynamic System Modeling for the Integration of One and Two 850-kW Wind Turbine Generators	Oswal, R. [Innovation Wind Energy, Inc., Jacksonville, FL (United States)]; Jain, P. [Innovation Wind Energy, Inc., Jacksonville, FL	TR	NREL	National Renewable Energy Lab. (NREL)	1/1/2016
1245128	Battery Pack Life Estimation through Cell Degradation Data and Pack Thermal Modeling for BAS+ Li-Ion Batteries. Cooperative Research and Development Final Report, CRADA	Smith, Kandler [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/21/2016
1237305	Hardware-in-the-Loop Testing of Utility-Scale Wind Turbine Generators	Schkoda, Ryan [Clemson Univ., SC (United States)]; Fox, Curtiss [Clemson Univ., SC (United States)]; Hadidi, Ramtin [Clemson Univ., SC (United States)];	TR	NREL	National Renewable Energy Lab. (NREL)	1/26/2016
1237304	Foothill Transit Battery Electric Bus Demonstration Results	Eudy, Leslie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Prohaska, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NREL)	1/27/2016
1237835	Advanced Extended Plate and Beam Wall System in a Cold-Climate House	Mallay, Dave [Home Innovation Research Labs, Upper Marlboro, MD (United States)]; Wiehagen, Joseph [Home Innovation Research Labs, Upper	TR	NREL	National Renewable Energy Lab. (NREL)	1/29/2016
1245123	BEopt-CA (Ex) -- A Tool for Optimal Integration of EE/DR/ES+PV in Existing California Homes. Cooperative Research and Development Final Report, CRADA Number CRD-	Christensen, Craig [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/29/2016
1245131	Biodiesel Performance with Modern Engines. Cooperative Research and Development Final Report, CRADA Number CRD-05-153	McCormick, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL)	1/29/2016
1239054	Distributed Generation Market Demand Model (dGen): Documentation	Sigrin, Benjamin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gleason, Michael [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239063	Federal Air Pollutant Emission Regulations and Preliminary Estimates of Potential-to-Emit from Biorefineries. Pathway #1: Dilute-Acid and Enzymatic Deconstruction of Biomass-to-	Zhang, Yimin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bhatt, Arpit [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239642	Impacts of Federal Tax Credit Extensions on Renewable Deployment and Power Sector Emissions	Mai, Trieu [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cole, Wesley [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239768	Evaluation of Passive Vents in New Construction Multifamily Buildings	Maxwell, Sean [Steven Winter Associates, Inc., Norwalk, CT (United States)]; Berger, David [Steven Winter Associates, Inc., Norwalk, CT	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239769	Retrofitting Garden-Style Apartments in Brooklyn, New York	Nolen, Heather [Steven Winter Associates, Inc., Norwalk, CT (United States)]; Maxwell, Sean [Steven Winter Associates, Inc., Norwalk, CT	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016
1239770	Using Retrofit Nail Base Panels to Expand the Market for Wall Upgrades	Del Bianco, M. [Home Innovation Research Lab., Upper Marlboro, MD (United States)]; Wiehagen, J. [Home Innovation Research Lab., Upper	TR	NREL	National Renewable Energy Lab. (NREL)	2/1/2016

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1238573	JacketSE: An Offshore Wind Turbine Jacket Sizing Tool; Theory Manual and Sample Usage with Preliminary Validation	Damiani, Rick [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/8/2016
1239239	Solar Energy Prospecting in Remote Alaska: An Economic Analysis of Solar Photovoltaics in the Last Frontier State	Schwabe, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/11/2016
1245119	Array Effects in Large Wind Farms. Cooperative Research and Development Final Report, CRADA Number CRD-09-343	Moriarty, Patrick [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	2/23/2016
1240364	Performance Analysis of a Modular Small-Diameter Air Distribution System	Poerschke, Andrew [IBACOS, Inc., Pittsburgh, PA (United States)]; Rudd, Armin [ABT Systems, LLC, Annville, PA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241090	Workplace Charging. Charging Up University Campuses	Giles, Carrie [ICF International, Fairfax, VA (United States)]; Ryder, Carrie [ICF International, Fairfax, VA (United States)]; Lommele, Stephen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241096	Field Evaluation of Advances in Energy-Efficiency Practices for Manufactured Homes	Levy, E. [Advanced Residential Integrated Energy Solutions (ARIES) Collaboration, New York, NY (United States)]; Dentz, J. [Advanced Residential Energy Solutions (ARES) Collaboration, New York, NY (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241097	Wheeling and Banking Strategies for Optimal Renewable Energy Deployment. International Experiences	Heeter, Jenny [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Vora, Ravi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241098	Determination of Hydroxyl Groups in Pyrolysis Bio-oils using 31P NMR: Laboratory Analytical Procedure (LAP)	Olarte, Mariefel V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Burton, Sarah D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241579	U.S. Department of Energy Regional Resource Centers Report: State of the Wind Industry in the Regions	Baranowski, Ruth [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Oteri, Frank [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1243372	Effects of Deployment Investment on the Growth of the Biofuels Industry. 2016 Update	Vimmerstedt, Laura J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Warner, Ethan S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1243373	Modular Zero Energy. BrightBuilt Home	Aldrich, Robb [Consortium for Advanced Residential Buildings (CARB), Norwalk, CT (United States)]. Steven Winters Associates, Inc.;	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1244668	Airside HVAC BESTEST. Adaptation of ASHRAE RP 865 Airside HVAC Equipment Modeling Test Cases for ASHRAE Standard 140. Volume 1, Cases AE101-AE445	Neymark, J. [J. Neymark & Associates, Golden, CO (United States)]; Kennedy, M. [Mike D. Kennedy, Inc., Townsend, WA (United States)]; Judkoff, R. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1244672	Measuring Turbulence from Moored Acoustic Doppler Velocimeters. A Manual to Quantifying Inflow at Tidal Energy Sites	Kilcher, Levi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thomson, Jim [Univ. of Washington, Seattle, WA (United States)];	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1326329	Demand Response and Energy Storage Integration Study	Ma, Ookie [Dept. of Energy (DOE), Washington DC (United States)]. Office of Energy Efficiency and Renewable Energy; Cheung, Kerry [Dept. of Energy (DOE), Washington DC (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/1/2016
1241091	Acid Number Determination of Pyrolysis Bio-oils using Potentiometric Titration: Laboratory Analytical Procedure (LAP)	Christensen, Earl [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Ferrell, Jack [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/2/2016
1241093	Quantification of Semi-Volatile Oxygenated Components of Pyrolysis Bio-Oil by Gas Chromatography/Mass Spectrometry (GC/MS). Laboratory Analytical Procedure (LAP)	Christensen, Earl [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Ferrell, Jack [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/2/2016
1241099	Determination of Carbonyls in Pyrolysis Bio-oils by Potentiometric Titration. Faix Method. Laboratory Analytical Procedure (LAP)	Black, Stuart [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Ferrell, Jack [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/2/2016
1245118	Solar Technology Test, Evaluation, and Data Collection: Cooperative Research and Development Final Report, CRADA Number CRD-08-279	Albin, David S. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/8/2016
1247126	Conversion of Indigenous Agricultural Waste Feedstocks to Fuel Ethanol. Cooperative Research and Development Final Report, CRADA Number CRD-13-504	Elander, Richard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/27/2016
1245122	Guide to Permitting Hydrogen Motor Fuel Dispensing Facilities	Rivkin, Carl [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Buttner, William [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/28/2016
1245127	2013 Bioenergy Market Report	Schwab, Amy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Moriarty, Kristi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/28/2016
1245133	Hydrogen Compressor Reliability Investigation and Improvement. Cooperative Research and Development Final Report, CRADA Number CRD-13-514	Terlip, Danny [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/28/2016
1246780	Biogas and Hydrogen Systems Market Assessment	Milbrandt, Anelia [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bush, Brian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/31/2016
1246926	Biogas and Hydrogen Systems Market Assessment	Milbrandt, Anelia [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bush, Brian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/31/2016
1246958	Biogas and Hydrogen Systems Market Assessment	Milbrandt, Anelia [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bush, Brian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	3/31/2016
1248560	Performance and Reliability of Bonded Interfaces for High-Temperature Packaging. Annual Report	DeVoto, Douglas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/1/2016
1248569	Electric Motor Thermal Management R&D. Annual Report	Bennion, Kevin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/1/2016

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1248972	Can Wind Farms in Inner Mongolia Affect the Air Quality in Beijing?	Lundquist, Julie K. [Univ. of Colorado, Boulder, CO (United States); National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lee, Joseph C.	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/1/2016
1249272	Accelerating Clean Energy Commercialization. A Strategic Partnership Approach	Adams, Richard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Pless, Jacquelyn [Joint Institute for Strategic Energy]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/1/2016
1247124	Development of Kinetics and Mathematical Models for High-Pressure Gasification of Lignite-Switchgrass Blends: Cooperative Research and Development Final Report, CRADA	Iisa, Kristiina [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/6/2016
1247643	Accelerating the Delivery of Home Performance Upgrades through a Synergistic Business Model	Schirber, Tom; Ojczyk, Cindy	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/11/2016
1248798	Wind Plant Preconstruction Energy Estimates. Current Practices and Opportunities	Clifton, Andrew [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Smith, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/19/2016
1250664	Business Metrics for High-Performance Homes: A Colorado Springs Case Study	Beach, R. [IBACOS, Inc, Pittsburgh, PA (United States)]; Jones, A. [IBACOS, Inc, Pittsburgh, PA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	4/26/2016
1251591	Floating Offshore Wind in Oregon: Potential for Jobs and Economic Impacts from Two Future Scenarios	Jimenez, Tony [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keyser, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253707	Policies to Enable Bioenergy Deployment: Key Considerations and Good Practices	Smolinski, Sharon [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253712	Capturing the Impact of Storage and Other Flexible Technologies on Electric System Planning	Hale, Elaine [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Stoll, Brady [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253977	On the Path to SunShot. The Environmental and Public Health Benefits of Achieving High Solar Penetrations in the United States	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Mai, Trieu [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253978	On the Path to SunShot. Emerging Issues and Challenges in Integrating High Levels of Solar into the Electrical Generation and Transmission System	Denholm, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Clark, Kara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253980	On the Path to SunShot. Emerging Issues and Challenges in Integrating Solar with the Distribution System	Palmintier, Bryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Broderick, Robert [Sandia National Lab. (SNL-NM), Livermore, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253982	On the Path to SunShot: Emerging Opportunities and Challenges in Financing Solar	Feldman, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Bolinger, Mark [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253983	On the Path to SunShot. The Role of Advancements in Solar Photovoltaic Efficiency, Reliability, and Costs	Woodhouse, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Jones-Albertus, Rebecca [U.S. Dept. of Energy, Washington, DC (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253984	On the Path to SunShot. Emerging Opportunities and Challenges in U.S. Solar Manufacturing	Chung, Donald [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Horowitz, Kelsey [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1253987	On the Path to SunShot. Utility Regulatory and Business Model Reforms for Addressing the Financial Impacts of Distributed Solar on Utilities	Barbose, Galen [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Miller, John [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1254918	Expert Meeting Report: HVAC Fault Detection, Diagnosis, and Repair/Replacement	Springer, David [Alliance for Residential Building Innovation (ARBI), Davis, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1254925	Heat Pump Water Heater Ducting Strategies with Encapsulated Attics in Climate Zones 2 and 4	Sweet, M. L. [Southface Energy Inst., Upper Marlboro, MD (United States)]; Francisco, A.; Roberts, S. G.	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1255200	NREL and DONG Energy Collaboration for Grid Simulator Controls and Testing: Cooperative Research and Development Final Report, CRADA Number CRD-13-527	Gevorgian, Vahan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1255201	Development and Demonstration of Grid Integration System for PEVs, ESS, and RE: Cooperative Research and Development Final Report, CRADA Number CRD-13-515	Markel, Tony [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1255202	Flexible CdTe Solar Cells and Modules: Cooperative Research and Development Final Report, CRADA Number CRD-14-548	Barnes, Teresa [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1255203	Collaborative Research and Development by EpiSolar and NREL of Processes and Materials for Flexible CdS/CdTe Superstrate Devices: Cooperative Research and Development	Barnes, Teresa [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1255431	Clean Restructuring: Design Elements for Low-Carbon Wholesale Markets and Beyond. A 21st Century Power Partnership Thought Leadership Report	Shah, Monisha [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Valenzuela, Jose Maria [World Wildlife Fund, Mexico DF (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1256863	On the Path to SunShot. Advancing Concentrating Solar Power Technology, Performance, and Dispatchability	Mehos, Mark [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Turchi, Craig [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1260138	Global Carbon Fiber Composites Supply Chain Competitiveness Analysis	Das, Sujit [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Warren, Josh [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	5/1/2016
1256677	Procedures for Calculating Residential Dehumidification Loads	Winkler, Jon [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Booten, Chuck [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	6/1/2016
1257326	Distributed Wind Resource Assessment: State of the Industry	Fields, Jason [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Tinniesand, Heidi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	6/1/2016

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1257330	Collaboration on OPT Design for Generating Electrical Power from Ocean Waves. Cooperative Research and Development Final Report, CRADA Number CRD-14-542	LiVecchi, Al [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1257674	Energy Systems Integration. Defining and Describing the Value Proposition	O'Malley, Mark [Univ. College of Dublin (Ireland)]; Kroposki, Benjamin [National Renewable Energy Lab. (NREL), Golden, CO (United States)];	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259805	Power Generation for River and Tidal Generators	Muljadi, Eduard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Wright, Alan [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259811	Mexico's Regulatory Engagement in Bulk Electric Power System Planning: An Overview of U.S. Practices and Tools	O'Neill, Barbara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Hurlbut, David [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259950	Validation of a FAST Model of the SWAY Prototype Floating Wind Turbine	Koh, J. H. [Nanyang Technological Univ. (Singapore)]; Ng, E. Y. K. [Nanyang Technological Univ. (Singapore)]; Robertson, Amy [National	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259951	U.S. SOCOM Grand Challenge #3: NREL Technical Roadmap for a Man-Portable Power Supply System for TALOS	Ainsworth, Nathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Heaps, Colton [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260340	Deployment of Wind Turbines in the Built Environment: Risks, Lessons, and Recommended Practices	Fields, Jason [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Oteri, Frank [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260342	Automated Vehicle Policy and Regulation: A State Perspective Workshop: Summary	Young, Stanley E. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Levine, Aaron [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260343	Gearbox Reliability Collaborative Investigation of High-Speed-Shaft Bearing Loads	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Guo, Yi [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1260344	Zero Emission Bay Area (ZEBA) Fuel Cell Bus Demonstration Results: Fifth Report	Eudy, Leslie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Post, Matthew [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1262198	Impact of Market Behavior, Fleet Composition, and Ancillary Services on Revenue Sufficiency	Frew, Bethany [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gallo, Giulia [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1262662	New York Solar Smart DG Hub-Resilient Solar Project: Economic and Resiliency Impact of PV and Storage on New York Critical Infrastructure	Anderson, Kate [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Burman, Kari [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1266702	On the Use of Coupled Wind, Wave, and Current Fields in the Simulation of Loads on Bottom-Supported Offshore Wind Turbines during Hurricanes: March 2012 - September 2015	Kim, Eungsoo [Univ. of Texas, Austin, TX (United States)]; Manuel, Lance [Univ. of Texas, Austin, TX (United States)]; Curcic, Milan [Univ. of Miami,	TR	NREL	National Renewable Energy Lab. (NRE	6/1/2016
1259255	IEA Wind Task 26: Offshore Wind Farm Baseline Documentation	Smart, Gavin [Offshore Renewable Energy Catapult, Blyth, Northumberland (United Kingdom)]; Smith, Aaron [National Renewable	TR	NREL	National Renewable Energy Lab. (NRE	6/2/2016
1263539	Virginia Solar Pathways Project: Economic Study of Utility-Administered Solar Programs: Soft Costs, Community Solar, and Tax Normalization Considerations	Reiter, Emerson [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lowder, Travis [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	6/23/2016
1262663	Designing Wind and Solar Power Purchase Agreements to Support Grid Integration	O'Neill, Barbara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Chernyakhovskiy, Ilya [National Renewable Energy	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1263901	A Review of the Environmental Impacts for Marine and Hydrokinetic Projects to Inform Regulatory Permitting: Summary Findings from the 2015 Workshop on Marine and	Baring-Gould, E. Ian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Christol, Corrie [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1263903	Grid Integration Studies: Advancing Clean Energy Planning and Deployment	Katz, Jessica [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Chernyakhovskiy, Ilya [National Renewable Energy	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1265055	Experimental Evaluation of PV Inverter Anti-Islanding with Grid Support Functions in Multi-Inverter Island Scenarios	Hoke, Anderson [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Nelson, Austin [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1271941	Fatigue Test Design: Scenarios for Biaxial Fatigue Testing of a 60-Meter Wind Turbine Blade	Post, Nathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1273063	Annual Energy Savings and Thermal Comfort of Autonomously Heated and Cooled Office Chairs	Carmichael, Scott [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Booten, Chuck [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1278318	Review of Biojet Fuel Conversion Technologies	Wang, Wei-Cheng [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Tao, Ling [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1279494	Floating Offshore Wind in Oregon: Potential for Jobs and Economic Impacts in Oregon Coastal Counties from Two Future Scenarios	Jimenez, Tony [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keyser, David [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1279497	An Initial Evaluation of Siting Considerations on Current and Future Wind Deployment	Tegen, Suzanne [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Lantz, Eric [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	7/1/2016
1285734	The Economic Potential of Two Nuclear-Renewable Hybrid Energy Systems	Ruth, Mark [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cutler, Dylan [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	8/1/2016
1295388	EnergyPlus and SEEM Modeling Enhancements via Software-to-Software Comparison Using NREL's BEopt Test Suite	Horowitz, Scott [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Maguire, Jeff [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	8/1/2016
1295389	Review of Artificial Abrasion Test Methods for PV Module Technology	Miller, David C. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Muller, Matt T. [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	8/1/2016

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1296605	Liquid Organic Battery Development: Cooperative Research and Development Final Report, CRADA Number CRD-14-540	Santhanagopalan, Shriram [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1296610	Predictive Battery Management System for Commercial Hybrid Vehicles: Cooperative Research and Development Final Report, CRADA Number CRD-13-520	Smith, Kandler [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1296612	Catalytic Conditioning and Conversion of Bio-Syngas: Cooperative Research and Development Final Report, CRADA Number CRD-10-418	Magrini, Kim [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1313608	Analysis of a Single Year of Performance Data for Thin Film Modules Deployed at NREL and NISE	MacAlpine, Sara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Deceglie, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1313617	NREL-Prime Next-Generation Drivetrain Dynamometer Test Report	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Erdman, Bill [Cinch, Inc., Moraga, CA (United States)]; Blodgett, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1314863	Wind Turbine Drivetrain Reliability Collaborative Workshop: A Recap	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Sheng, Shuangwen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1314864	Comparative Cooling Season Performance of Air Distribution Systems in Multistory Townhomes	Poerschke, Andrew [IBACOS Inc., Pittsburgh, PA (United States)]; Beach, Rob [IBACOS Inc., Pittsburgh, PA (United States)]; Beggs, Timothy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1318192	Eastern Renewable Generation Integration Study	Bloom, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Townsend, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1321487	Exploring the Potential Competitiveness of Utility-Scale Photovoltaics plus Batteries with Concentrating Solar Power, 2015-2030	Feldman, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, Robert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1327208	Planning for a Distributed Disruption: Innovative Practices for Incorporating Distributed Solar into Utility Planning	Mills, Andrew D. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen L. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/1/2016
1324530	Torsional Vibration in the National Wind Technology Center's 2.5-Megawatt Dynamometer	Sethuraman, Latha [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	8/31/2016
1322906	Using the Spatial Distribution of Installers to Define Solar Photovoltaic Markets	O'Shaughnessy, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Nemet, Gregory F. [Univ. of Wisconsin, Madison, WI]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324387	Energy Savings Modeling and Inspection Guidelines for Commercial Building Federal Tax Deductions for Buildings in 2016 and Later	Deru, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Field-Macumber, Kristin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324394	Photovoltaic Shading Testbed for Module-Level Power Electronics: 2016 Performance Data Update	Deline, Chris [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Meydbray, Jenya [PV Evolution Labs (PVEL), Davis, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324526	A Spatial-Economic Cost-Reduction Pathway Analysis for U.S. Offshore Wind Energy Development from 2015-2030	Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Musial, Walter [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324531	Quantifying the Opportunity Space for Future Electricity Generation: An Application to Offshore Wind Energy in the United States	Marcy, Cara [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324533	2016 Offshore Wind Energy Resource Assessment for the United States	Musial, Walt [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Heimiller, Donna [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1324535	Terminology Guideline for Classifying Offshore Wind Energy Resources	Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Musial, Walt [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1325932	Supervisory Control of Loads and Energy Storage in Next-Generation Zero Energy Buildings	Kung, Feitau [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Frank, Stephen [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326561	Development of Optimal CZTS Device Structure: Cooperative Research and Development Final Report, CRADA Number CRD-12-476	van Hest, Maikel [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326564	Development of Electrodeposited CIGS Solar Cells: Cooperative Research and Development Final Report, CRADA Number CRD-09-357	Neale, Nathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326717	Comparison of Standards and Technical Requirements of Grid-Connected Wind Power Plants in China and the United States	Gao, David Wenzhong [Alternative Power Innovations, LLC]; Muljadi, Eduard [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326719	The Evolution of Power System Planning with High Levels of Variable Renewable Generation	Katz, Jessica [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Milligan, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326721	U.S. Laws and Regulations for Renewable Energy Grid Interconnections	Chernyakhovskiy, Ilya [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Tian, Tian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326730	Carbon Fiber from Biomass	Milbrandt, Anelia [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]; Booth, Samuel [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326732	User Guide for the International Jobs and Economic Development Impacts Model	Keyser, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Flores-Espino, Francisco [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016
1326887	High Performance Flat Plate Solar Thermal Collector Evaluation	Rockenbaugh, Caleb [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Dean, Jesse [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States)	9/1/2016

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1326888	U.S. Solar Photovoltaic System Cost Benchmark: Q1 2016	Fu, Ran [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Chung, Donald [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326889	Passive Leak Detection Using Commercial Hydrogen Colorimetric Indicator	Hartmann, Kevin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Buttner, William [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326891	Transportation of Large Wind Components: A Permitting and Regulatory Review	Levine, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cook, Jeff [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326893	American Samoa: Energy Action Plan	Ness, J. Erik [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Haase, Scott [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326896	Expanding Midscale Solar: Examining the Economic Potential, Barriers, and Opportunities at Offices, Hotels, Warehouses, and Universities	Bird, Lori [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gagnon, Pieter [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1326898	Transportation of Large Wind Components: A Review of Existing Geospatial Data	Mooney, Meghan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Maclaurin, Galen [National Renewable Energy Lab.	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1327848	Guia del Usuario para el Modelo Internacional de Impacto en Trabajos y Desarrollo Economico	Keyser, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Flores-Espino, Francisco [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1327849	Flexible Residential Test Facility: Impact of Infiltration and Ventilation on Measured Cooling Season Energy and Moisture Levels	Parker, Danny S. [BA-PIRC/Florida Solar Energy Center, Cocoa, FL (United States)]; Cummings, Jamie E. [BA-PIRC/Florida Solar Energy Center,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1327850	Facility-Scale Solar Photovoltaic Guidebook: Bureau of Reclamation	Kiatreungwattana, Kosol [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; VanGeet, Otto [National Renewable Energy Lab.	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1327935	Energy Systems Integration Facility (ESIF): Facility Stewardship Plan, Revision 2.0	Anderson, Art [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Hannegan, Bryan [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1328358	Midmarket Solar Policies in the United States: A Guide for Midsized Solar Customers	Tian, Tian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Liu, Chang [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1328360	Photovoltaic Calibrations at the National Renewable Energy Laboratory and Uncertainty Analysis Following the ISO 17025 Guidelines	Emery, Keith [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	9/1/2016
1328995	Gearbox Reliability Collaborative Phase 3 Gearbox 3 Test Plan	Keller, Jonathan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Wallen, Robb [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1329171	Methodology to Assess No Touch Audit Software Using Simulated Building Utility Data	Cheung, Howard [Purdue Univ., West Lafayette, IN (United States)]; Braun, James E. [Purdue Univ., West Lafayette, IN (United States)]; Langner, M.	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1329462	Status and Trends in the U.S. Voluntary Green Power Market (2015 Data)	O'Shaughnessy, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Liu, Chang [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1329987	Estimating the National Carbon Abatement Potential of City Policies: A Data-Driven Approach	O'Shaughnessy, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Heeter, Jenny [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330496	Methodology to Assess No Touch Audit Software Using Field Data	Cai, Jie [Purdue Univ., West Lafayette, IN (United States)]; Braun, James E. [Purdue Univ., West Lafayette, IN (United States)]; Langner, M. Rois	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330617	Marine Hydrokinetic Energy Site Identification and Ranking Methodology Part I: Wave Energy	Kilcher, Levi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thresher, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330619	Marine Hydrokinetic Energy Site Identification and Ranking Methodology Part II: Tidal Energy	Kilcher, Levi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thresher, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330800	NREL Pyrheliometer Comparisons: September 26-October 7, 2016 (NPC-2016)	Reda, Ibrahim [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Dooraghi, Mike [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330932	Hurricane Resilient Wind Plant Concept Study Final Report	Dibra, Besart [Keystone Engineering Inc., Vonore, TN (United States)]; Finucane, Zachary [Keystone Engineering Inc., Vonore, TN (United States)];	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330944	Reliability Evaluation of Next Generation Inverter: Cooperative Research and Development Final Report, CRADA Number CRD-12-478	Paret, Paul [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330948	University of Colorado - Center for Research and Education in Wind (CREW): Cooperative Research and Development Final Report, CRADA Number CRD-11-446	Sprague, Michael A. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330992	Use of Cultivation Data from the Algae Testbed Public Private Partnership as Utilized in NREL's Algae State of Technology Assessments	Knoshaug, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Laurens, Lieve [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1330993	Aerodynamic Drag Reduction Technologies Testing of Heavy-Duty Vocational Vehicles and a Dry Van Trailer	Ragatz, Adam [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Thornton, Matthew [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	10/1/2016
1331479	Feeder Voltage Regulation with High-Penetration PV Using Advanced Inverters and a Distribution Management System: A Duke Energy Case Study	Palmintier, Bryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Giraldez, Julieta [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1332179	Navajo Generating Station and Federal Resource Planning; Volume 1: Sectoral, Technical, and Economic Trends	Hurlbut, David [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Haase, Scott [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016

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1332180	2016 Standard Scenarios Report: A U.S. Electricity Sector Outlook	Cole, Wesley [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Mai, Trieu [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1332908	Quality Assurance Framework for Mini-Grids	Baring-Gould, Ian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Burman, Kari [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1332909	Regional Energy Deployment System (ReEDS) Model Documentation: Version 2016	Eurek, Kelly [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Cole, Wesley [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1333054	Technical Feasibility Study for Zero Energy K-12 Schools	Bonnema, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Goldwasser, David [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1333280	Chapter 23: Combined Heat and Power	Simons, George [Itron, Davis, CA (United States)]; Barsun, Stephan [Itron, Davis, CA (United States)]	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1333625	Assessing the Future of Distributed Wind: Opportunities for Behind-the-Meter Projects	Lantz, Eric [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Sigrin, Benjamin [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Lab. (NRE	11/1/2016
1321486	Evaluation of the Impact of Slab Foundation Heat Transfer on Heating and Cooling in Florida	Parker, D. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]; Kono, J. [Building America	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States); Building America Partnership for	9/1/2016
1318194	Power Converter Control Algorithm Design and Simulation for the NREL Next-Generation Drivetrain: July 8, 2013 - January 7, 2016	Blodgett, Douglas [DNV KEMA Renewables, Inc., San Ramon, CA (United States)]; Behnke, Michael [DNV KEMA Renewables, Inc., San Ramon, CA	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States); DNV KEMA Renewables, Inc., San	8/1/2016
1312474	2015 Wind Technologies Market Report	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Bolinger, Mark [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	National Renewable Energy Lab. (NREL), Golden, CO (United States); Lawrence Berkeley National Lab.	8/1/2016
1244675	NorthernSTAR 1-1/2-Story Demonstration House of Cold Climate Solutions for Affordable Housing	Schirber, T. [Univ. of Minnesota, St. Paul, MN (United States). NorthernSTAR Building America Partnership]; Ojczyk, C. [Univ. of Minnesota, St.	TR	NREL	National Renewable Energy Laborator	3/1/2016
1245364	Multifamily Housing Rehabilitation Process Improvements	Sweet, Marshall L. [Partnership for Home Innovation, Upper Marlboro, MD (United States)]; Francisco, Abby [Partnership for Home Innovation,	TR	NREL	National Renewable Energy Laborator	3/1/2016
1245542	Renewable Energy Deployment in Colorado and the West: A Modeling Sensitivity and GIS Analysis	Barrows, Clayton [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Mai, Trieu [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	3/1/2016
1245544	Modeling Enclosure Design in Above-Grade Walls	Lstiburek, J. [Building Science Corporation, Westford, MA (United States)]; Ueno, K. [Building Science Corporation, Westford, MA (United	TR	NREL	National Renewable Energy Laborator	3/1/2016
1244205	Energy Efficiency, Water Efficiency, and Renewable Energy Site Assessment: Seneca Rocks Discovery Center, Seneca Rocks, West Virginia	Kiatreungwattana, Kosol [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Salasovich, James [National Renewable Energy	TR	NREL	National Renewable Energy Laborator	3/22/2016
1244312	Chemicals from Biomass: A Market Assessment of Bioproducts with Near-Term Potential	Biddy, Mary J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Scarlata, Christopher [National Renewable Energy Lab.	TR	NREL	National Renewable Energy Laborator	3/23/2016
1247645	Emissions Associated with Electric Vehicle Charging: Impact of Electricity Generation Mix, Charging Infrastructure Availability, and Vehicle Type	McLaren, Joyce [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Miller, John [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/11/2016
1247954	Turnkey Heating, Ventilating, and Air Conditioning and Lighting Retrofit Solution Combining Energy Efficiency and Demand Response Benefits	Doebber, Ian [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Deru, Michael [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/12/2016
1248080	Wind Energy Industry Eagle Detection and Deterrents: Research Gaps and Solutions Workshop Summary Report	Sinclair, Karin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; DeGeorge, Elise [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Laborator	4/13/2016
1248081	Framework for Testing the Effectiveness of Bat and Eagle Impact-Reduction Strategies at Wind Energy Projects	Sinclair, Karin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; DeGeorge, Elise [National Renewable Energy Lab. (NREL),	TR	NREL	National Renewable Energy Laborator	4/13/2016
1248563	Floating Offshore Wind in California: Gross Potential for Jobs and Economic Impacts from Two Future Scenarios	Speer, Bethany [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Keyser, David [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/18/2016
1248076	Comparing Photovoltaic (PV) Costs and Deployment Drivers in the Japanese and U.S. Residential and Commercial Markets	Friedman, B. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, R. [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	National Renewable Energy Laborator	4/19/2016
1263541	Combined Space and Water Heating: Next Steps to Improved Performance	Schoenbauer, B. [NorthernSTAR Building America Partnership, Minneapolis, MN (United States)]; Bohac, D. [NorthernSTAR Building America	TR	NREL	NorthernSTAR Building America Partn	7/13/2016
1235905	High-Penetration PV Integration Handbook for Distribution Engineers	Seguin, Rich [Electrical Distribution Design, Blacksburg, VA (United States)]; Woyak, Jeremy [Electrical Distribution Design, Blacksburg, VA	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236031	Doubling Geothermal Generation Capacity by 2020. A Strategic Analysis	Wall, Anna [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Young, Katherine [National Renewable Energy Lab.	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236032	Analysis of Modeling Assumptions used in Production Cost Models for Renewable Integration Studies	Stoll, Brady [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Brinkman, Gregory [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236153	Rooftop Solar Photovoltaic Technical Potential in the United States. A Detailed Assessment	Gagnon, Pieter [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Margolis, Robert [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016
1236470	Greening the Grid Special Topic: Facilitating the Integration of Renewable Energy through Balancing Cooperation	Cochran, Jaquelin [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/1/2016

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1236676	Renewable Electricity Standards: Good Practices and Design Considerations	Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Esterly, Sean [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	1/2/2016
1236677	Feed-in Tariffs: Good Practices and Design Considerations	Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Esterly, Sean [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	1/2/2016
1235236	Analysis of Application Power and Schedule Composition in a High Performance Computing Environment	Elmore, Ryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Gruchalla, Kenny [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/5/2016
1235419	Retrospective Analysis of the Benefits and Impacts of U.S. Renewable Portfolio Standards	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	NREL (National Renewable Energy Lab	1/6/2016
1235420	Retrospective Analysis of the Benefits and Impacts of U.S. Renewable Portfolio Standards	Wiser, Ryan [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Barbose, Galen [Lawrence Berkeley National Lab. (LBNL),	TR	NREL	NREL (National Renewable Energy Lab	1/6/2016
1235546	Compact Buried Ducts in a Hot-Humid Climate House	Mallay, Dave [Home Innovation Research Labs, Upper Marlboro, MD (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/7/2016
1235548	Low Carbon Grid Study: Analysis of a 50% Emission Reduction in California	Brinkman, Gregory [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Jorgenson, Jennie [National Renewable Energy	TR	NREL	NREL (National Renewable Energy Lab	1/7/2016
1236761	Advanced Grid-Friendly Controls Demonstration Project for Utility-Scale PV Power Plants	Gevorgian, Vahan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; O'Neill, Barbara [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/21/2016
1236766	Energy Efficiency, Water Efficiency, and Renewable Energy Site Assessment: Mendenhall Glacier Visitor Center, Juneau, Alaska	Salasovich, James [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; LoVullo, David [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/21/2016
1236954	Comfort in High-Performance Homes in a Hot-Humid Climate	Poerschke, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Beach, R. [IBACOS, Inc., Pittsburgh, PA (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/22/2016
1236956	2015 Survey of Non-Starch Ethanol and Renewable Hydrocarbon Biofuels Producers	Schwab, Amy [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Warner, Ethan [National Renewable Energy Lab. (NREL),	TR	NREL	NREL (National Renewable Energy Lab	1/22/2016
1237833	Comprehensive Benchmark Suite for Simulation of Particle Laden Flows Using the Discrete Element Method with Performance Profiles from the Multiphase Flow with Interface	Liu, Peiyuan [Univ. of Colorado, Boulder, CO (United States)]; Brown, Timothy [Univ. of Colorado, Boulder, CO (United States)]; Fullmer,	TR	NREL	NREL (National Renewable Energy Lab	1/29/2016
1239539	Final Technical Report: Integrated Distribution-Transmission Analysis for Very High Penetration Solar PV	Palmintier, Bryan [NREL (National Renewable Energy Laboratory (NREL), Golden, CO (United States))]; Hale, Elaine [NREL (National Renewable	TR	NREL	NREL (National Renewable Energy Lab	1/29/2016
1239885	Quantifying the Financial Benefits of Multifamily Retrofits	Philbrick, D. [The Partnership for Advanced Residential Retrofit, Chicago, IL (United States)]; Scheu, R. [The Partnership for Advanced	TR	NREL	NREL (National Renewable Energy Lab	1/29/2016
1238321	Consumer Views on Plug-in Electric Vehicles -- National Benchmark Report	Singer, Mark [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	1/31/2016
1238109	Phased Retrofits in Existing Homes in Florida Phase II: Shallow Plus Retrofits	Sutherland, K. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]; Parker, D. [Building America	TR	NREL	NREL (National Renewable Energy Lab	2/3/2016
1238241	Brookfield Homes Passive House Performance Evaluation	Herk, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Poerschke, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Beach, R. [IBACOS, Inc.,	TR	NREL	NREL (National Renewable Energy Lab	2/4/2016
1238242	Phased Retrofits in Existing Homes In Florida Phase I: Shallow and Deep Retrofits	Parker, D. [Building America Partnership for Improved Residential Construction, Cocoa, FL (United States)]; Sutherland, K. [Building America	TR	NREL	NREL (National Renewable Energy Lab	2/4/2016
1238324	Measure Guideline: Passive Vents	Berger, David [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]; Neri, Robin [Consortium for Advanced Residential	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238325	Field Performance of Heat Pump Water Heaters in the Northeast	Shapiro, Carl [Consortium for Advanced Residential Buildings, Norfolk, CT (United States)]; Puttagunta, Srikanth [Consortium for Advanced	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238326	Zero Energy Ready Home Multifamily Case Study Analysis	Dentz, Jordan [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]; Alaigh, Kunal [Advanced	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238328	Field Testing of an Unvented Roof with Fibrous Insulation, Tiles and Vapor Diffusion Venting	Ueno, K. [Building Science Corporation, Westford, MA (United States)]; Lstiburek, J. W. [Building Science Corporation, Westford, MA (United	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1238349	Community-Wide Zero Energy Ready Home Standard	Herk, A. [IBACOS, Inc., Pittsburgh, PA (United States)]; Beggs, T. [IBACOS, Inc., Pittsburgh, PA (United States)]	TR	NREL	NREL (National Renewable Energy Lab	2/5/2016
1239242	Capacity Payments in Restructured Markets under Low and High Penetration Levels of Renewable Energy	Jenkin, Thomas [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Beiter, Philipp [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	2/11/2016
1239243	High Octane Fuel: Terminal Backgrounder	Moriarty, Kristi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	2/11/2016
1239541	Considering the Role of Natural Gas in the Deep Decarbonization of the U.S. Electricity Sector. Natural Gas and the Evolving U.S. Power Sector Monograph Series: Number 2	Cole, Wesley [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Beppler, Ross [National Renewable Energy Lab. (NREL), Golden,	TR	NREL	NREL (National Renewable Energy Lab	2/12/2016
1239884	ERCOT-FESTIV Modeling: Cooperative Research and Development Final Report, CRADA Number CRD-15-584	Krad, Ibrahim [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab	2/17/2016

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1239890	Indirect Solar Water Heating in Single-Family, Zero Energy Ready Homes	Aldrich, Robb [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1239893	Process Design and Economics for the Production of Algal Biomass: Algal Biomass Production in Open Pond Systems and Processing Through Dewatering for Downstream Conversion	Davis, Ryan [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Markham, Jennifer [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1239974	Risk Assessment of Heating, Ventilating, and Air-Conditioning Strategies in Low-Load Homes	Poerschke, Andrew [IBACOS, Inc., Pittsburgh, PA (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1240079	Portfolio-Scale Optimization of Customer Energy Efficiency Incentive and Marketing: Cooperative Research and Development Final Report, CRADA Number CRD-13-535	Brackney, Larry J. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/17/2016
1240080	Performance and Costs of Ductless Heat Pumps in Marine-Climate High-Performance Homes -- Habitat for Humanity The Woods	Lubliner, Michael [Building America Partnership for Improved Residential Construction, Olympia, WA (United States). Washington States Univ. (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/18/2016
1240083	Public Housing: A Tailored Approach to Energy Retrofits	Dentz, J. [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]; Conlin, F. [Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/18/2016
1238537	Building Energy Codes: Policy Overview and Good Practices	Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/19/2016
1239538	Vulnerability Assessment and Resiliency Planning: The National Renewable Energy Laboratory's Process and Best Practices; May 23, 2014 - June 5, 2015	Vogel, J. [Abt Environmental Research, Boulder, CO (United States)]; Renfrow, S. [Abt Environmental Research, Boulder, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/19/2016
1239543	Economic Assessment of Hydrogen Technologies Participating in California Electricity Markets	Eichman, Joshua [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Townsend, Aaron [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/19/2016
1239887	Financial Incentives to Enable Clean Energy Deployment: Policy Overview and Good Practices	Cox, Sadie [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/24/2016
1239889	Strategy Guideline: Modeling Enclosure Design in Above-Grade Walls	Lstiburek, J. [Building Science Corporation, Westford, MA (United States)]; Ueno, K. [Building Science Corporation, Westford, MA (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/24/2016
1240772	Radiometer Calibration and Characterization (RCC) User's Manual: Windows Version 4.0	Andreas, Afshin M. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Wilcox, Stephen M. [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	2/29/2016
1240582	Advancing Replicable Solutions for High-Performance Homes in the Southeast	Roberts, S. G. [Southface Energy Inst., Upper Marlboro, MD (United States)]; Sweet, M. L. [Southface Energy Inst., Upper Marlboro, MD (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/1/2016
1243299	Columbia County Habitat for Humanity Passive Townhomes	Dentz, Jordan [The Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]; Alaigh, Kunal [The Advanced Residential Integrated Energy Solutions Collaborative, New York, NY (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/18/2016
1243302	Gearbox Reliability Collaborative Investigation of Gearbox Motion and High-Speed-Shaft Loads	Keller, Jon [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Guo, Yi [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/18/2016
1243300	Commercial Refrigeration: Heat Transfer Optimization and Energy Reduction, Measurement and Verification of a Liquid Refrigerant Pump System Retrofit	Gaul, Chris [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Sheppy, Michael [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	3/22/2016
1247459	Automotive Lithium-ion Cell Manufacturing: Regional Cost Structures and Supply Chain Considerations	Chung, Donald [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]; Elgqvist, Emma [Clean Energy Manufacturing Analysis Center, Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247460	Role of Solar Water Heating in Multifamily Zero Energy Homes	Aldrich, Robb [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]; Williamson, James [Consortium for Advanced Residential Buildings, Norwalk, CT (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247461	Thermal Performance Benchmarking: Annual Report	Moreno, Gilbert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247462	Final Report on the Creation of the Wind Integration National Dataset (WIND) Toolkit and API: October 1, 2013 - September 30, 2015	Hodge, Bri-Mathias [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1247463	Power Electronics Thermal Management R&D: Annual Report	Moreno, Gilbert [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	4/8/2016
1255206	IEA Task 32: Wind Lidar Systems for Wind Energy Deployment (LIDAR)	Kuhn, Martin; Trabucchi, Davide; Clifton, Andrew; Courtney, Mike; Rettenmeier, Andreas	TR	NREL	NREL (National Renewable Energy Lab.)	5/9/2016
1293807	Increasing EDV Range through Intelligent Cabin Air Handling Strategies: Annual Progress Report	Leighton, Daniel [National Renewable Energy Lab. (NREL), Golden, CO (United States)]; Rugh, John [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	8/1/2016
1293811	High-Temperature Air-Cooled Power Electronics Thermal Design: Annual Progress Report	Waye, Scot [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	NREL	NREL (National Renewable Energy Lab.)	8/1/2016
1298934	Energy Storage Requirements for Achieving 50% Solar Photovoltaic Energy Penetration in California	Denholm, Paul; Margolis, Robert	TR	NREL	NREL (National Renewable Energy Lab.)	8/1/2016
1334242	Estimated Bounds and Important Factors for Fuel Use and Consumer Costs of Connected and Automated Vehicles	Stephens, T.S.; Gonder, Jeff; Chen, Yuche; Lin, Z.; Liu, C.; Gohlke, D.	TR	NREL	NREL (National Renewable Energy Lab.)	11/1/2016

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1334396	University of Washington/ Northwest National Marine Renewable Energy Center Tidal Current Technology Test Protocol, Instrumentation, Design Code, and Oceanographic	Driscoll, Frederick R.	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334399	Mitigating Interconnection Challenges of the High Penetration Utility-Interconnected Photovoltaic (PV) in the Electrical Distribution Systems: Cooperative Research and Development	Chakraborty, Sudipta	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334401	Residential PV-Energy Storage Testing Collaboration with SunPower: Cooperative Research and Development Final Report, CRADA Number CRD-14-569	Lundstrom, Blake	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334402	Fuel Cell Buses in U.S. Transit Fleets: Current Status 2016	Eudy, Leslie; Post, Matthew; Jeffers, Matthew	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334592	Effect of Ducted HPWH on Space-Conditioning and Water Heating Energy Use -- Central Florida Lab Home	Colon, Carlos; Martin, Eric; Parker, Danny	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1334594	Laboratory Evaluation of Energy Recovery Ventilators	Kosar, D.	TR	NREL	NREL (National Renewable Energy Lab	11/1/2016
1257899	On Line Enrichment Monitor (OLEM) UF₆ Tests for 1.5" Sch40 SS Pipe, Revision 1	March-Leuba, JosÃ© A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Garner, Jim [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	1/1/2016
1253251	Market Assessment for Residential Refrigerator-Freezer with Novel Rotating Heat Exchanger	Sikes, Karen [CSRA International, Inc., Fairfax, VA (United States)]; Blackburn, Julia [CSRA International, Inc., Fairfax, VA (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	2/1/2016
1263855	Summary Report of Advanced Hydropower Innovations and Cost Reduction Workshop at Arlington, VA, November 5 & 6, 2015	O'Connor, Patrick [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rugani, Kelsey [Kearns & West, Inc., San Francisco, CA (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	3/1/2016
1311240	Technical Basis for Electromagnetic Compatibility Regulatory Guidance Update	Ewing, Paul D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Korsah, Kofi [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	3/1/2016
1325448	ATF Neutron Irradiation Program Technical Plan	Geringer, J. W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Katoh, Yutai [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	3/1/2016
1255676	Mercury Remediation Technology Development for Lower East Fork Poplar Creek - FY 2015 Progress Report	Peterson, Mark J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Environmental Sciences Division]; Brooks, Scott C. [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1255689	2015 Vehicle Technologies Market Report	Davis, Stacy C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Williams, Susan E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1263857	A Qualitative Assessment of Current CCF Guidance Based on a Review of Safety System Digital Implementation Changes with Evolving Technology	Korsah, Kofi [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Muhlheim, Michael David [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1279406	Technical Basis for Evaluating Software-Related Common-Cause Failures	Muhlheim, Michael David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wood, Richard [Univ. of Tennessee, Knoxville, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1325428	Sensitivity Data File Formats	Rearden, Bradley T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1328293	Embedded I&C for Extreme Environments	Kisner, Roger A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/1/2016
1324117	Dakota Uncertainty Quantification Methods Applied to the CFD code Nek5000	Delchini, Marc-Olivier [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Popov, Emilian L. [Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	4/29/2016
1255697	Status of Chronic Oxidation Studies of Graphite	Contescu, Cristian I. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Mee, Robert W. [Univ. of Tennessee, Knoxville, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1257909	High-Temperature Salt Pump Review and Guidelines - Phase I Report	Robb, Kevin R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jain, Prashant K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1259428	Input Correlations for Irradiation Creep of FeCrAl and SiC Based on In-Pile Halden Test Results	Terrani, K. A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Karlens, T. M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1259430	Vehicle Technologies Fact of the Week 2015	Davis, Stacy C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Diegel, Susan W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	5/1/2016
1257903	Evaluation of Lower East Fork Poplar Creek Mercury Sources	Watson, David B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Brooks, Scott C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/1/2016
1259433	Survey of Thermal-Fluids Evaluation and Confirmatory Experimental Validation Requirements of Accident Tolerant Cladding Concepts with Focus on Boiling Heat Transfer	Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wssocki, Aaron J. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/1/2016
1257911	Optimized Gen-II FeCrAl cladding production in large quantity for campaign testing	Yamamoto, Yukinori [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Sun, Zhiqian [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/3/2016
1286988	The Analysis of the General Performance and Mechanical Behavior of Unirradiated FeCrAl Alloys Before and After Welding	Gussev, Maxim N. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/3/2016
1302927	Carbon Nanotube Chopped Fiber for Enhanced Properties in Additive Manufacturing	Menchhofer, Paul A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Johnson, Joseph	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak F	6/6/2016

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1302926	Collaboration for the Advancement of Indirect 3D Printing Technology	Cordero, Zachary [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Energy and Transportation Science Division]; Elliott, Amy M.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/14/2016
1287032	Status Report on Irradiation Capsules Designed to Evaluate FeCrAl-UO ₂ Interactions	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Howard, Richard H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/24/2016
1325470	Effect of Selected Modeling Assumptions on Subsurface Radionuclide Transport Projections for the Potential Environmental Management Disposal Facility at Oak Ridge,	Painter, Scott L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Environmental Sciences Division]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/28/2016
1257905	Parallel Execution of Functional Mock-up Units in Buildings Modeling	Ozmen, Ozgur [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Nutaro, James J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/30/2016
1279440	Computational thermodynamics aided design of novel ferritic alloys	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chen, Tianyi [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/30/2016
1265841	The EPSA Project Finance Mapping Tool	Hadley, Stanton W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chinthavali, Supriya [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1279444	Innovative signal processing for Johnson Noise thermometry	Ezell, N. Dianne Bull [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Britton, Jr, Charles L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1325475	Fabrication and Characterization of Surrogate TRISO Particles Using 800µm ZrO ₂ Cores	Jolly, Brian C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Helmreich, Grant [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1311233	Supply Chain-Based Solution to Prevent Fuel Tax Evasion: Final Report	Capps, Gary J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Engineering and Transportation Sciences Division]; Franzese, Oscar [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/28/2016
1302930	Characteristics and Travel Patterns of New York Residents: Subpopulations of Persons with a Disability in 2009	Hwang, Ho-Ling [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Reuscher, Tim [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1324197	Steam Oxidation Testing in the Severe Accident Test Station	Pint, Bruce A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; McMurray, Jake W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1325477	FY 2016 Status Report: CIRFT Testing on Spent Nuclear Fuels and Hydride Reorientation Study	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/4/2016
1302933	FY16 Progress Report on Test Results In Support Of Integrated EPP and SMT Design Methods Development	Wang, Yanli [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jetter, Robert I. [RI Jetter Consulting, Pebble Beach, CA (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/8/2016
1328319	BISON Fuel Performance Analysis of FeCrAl cladding with updated properties	Sweet, Ryan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; George, Nathan M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/30/2016
1325482	Capture of Tritium Released from Cladding in the Zirconium Recycle Process	Spencer, Barry B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Walker, T. B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328309	Status Report on Scoping Reactor Physics and Sensitivity/Uncertainty Analysis of LR-0 Reactor Molten Salt Experiments	Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Mueller, Donald E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328328	Capture of Tritium Released from Cladding in the Zirconium Recycle Process	Spencer, Barry B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Walker, T. B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328327	Preliminary Mark-18A (Mk-18A) Target Material Recovery Program Product Acceptance Criteria	Robinson, Sharon M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Patton, Bradley D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/1/2016
1328329	Progress Update on Iterative Reconstruction of Neutron Tomographic Images	Hausladen, Paul [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gregor, Jens [Univ. of Tennessee, Knoxville, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/15/2016
1328315	Submission of FeCrAl Feedstock for Support of AFC ATR-2 Irradiations	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Barrett, Kristine E. [Idaho National Lab. (INL), Idaho Falls, ID (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/16/2016
1328333	M3MS-16OR0401086 â€” Report on NEAMS Workbench Support for MOOSE Applications	Lefebvre, Robert A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Langley, Brandon R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/23/2016
1328318	Development of Computational Tools for Predicting Thermal- and Radiation-Induced Solute Segregation at Grain Boundaries in Fe-based Alloys	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1328321	Oak Ridge National Laboratory Office of International Nuclear Safeguards: Human Capital Development Activity in FY16	Gilligan, Kimberly V. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Nuclear Security and Isotope Technology Division]; Gaudet, Robert [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1328332	Organic Iodine Adsorption by AgZ under Prototypical Vessel Off-Gas Conditions	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1333666	Assessment of SFR Wire Wrap Simulation Uncertainties	Delchini, Marc-Olivier G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Popov, Emilian L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1329135	Networked Microgrids Scoping Study	Starke, Michael R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/1/2016
1329154	Development and Implications of a Predictive Cost Methodology for Modular Pumped Storage Hydropower (m-PSH) Projects in the United States	Witt, Adam [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chalise, Dol Raj [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/1/2016

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1329155	Preliminary Feasibility Study of a Hybrid Solar and Modular Pumped Storage Hydro System at Biosphere 2	Lansley, Kevin [Univ. of Arizona, Tucson, AZ (United States)]; Hortsman, Chris [Univ. of Arizona, Tucson, AZ (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/1/2016
1333667	FY2017 Pilot Project Plan for the Nuclear Energy Knowledge and Validation Center Initiative	Ren, Weijiu [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	10/30/2016
1286981	EnergyPlus Air Source Integrated Heat Pump Model	Shen, Bo [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Energy and Transportation Science Division]; Adams, Mark B.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/30/2016
1311267	High Efficiency, Low Emission Refrigeration System	Fricke, Brian A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Building Technologies Research and Integration Center];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1241474	Annual Report - Compatibility of ZDDP and ionic liquid anti-wear additives with hard coatings for engine lubrications	Qu, Jun [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Zhou, Yan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2016
1325452	Subgroup Benchmark Calculations for the Intra-Pellet Nonuniform Temperature Cases	Kim, Kang Seog [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jung, Yeon Sang [Seoul National Univ. (Korea, Republic of)]; Liu,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/1/2016
1328311	VERA 3.5 Installation Guide	Bartlett, Roscoe A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Baird, Mark L. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/16/2016
1325480	MOC Efficiency Improvements Using a Jacobi Inscatter Approximation	Stimpson, Shane [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Collins, Benjamin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1328310	MPACT Subgroup Self-Shielding Efficiency Improvements	Stimpson, Shane [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Liu, Yuxuan [Univ. of Michigan, Ann Arbor, MI (United States)];	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/31/2016
1257900	Summary of OEM Idling Recommendations from Vehicle Owner's Manuals	Keel-Blackmon, Kristy [East Tennessee Clean Fuels Coalition (ETCleanFuels), Knoxville, TN (United States)]; Curran, Scott [Oak Ridge National Lab.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	1/1/2016
1319204	Status of FeCrAl ODS Irradiations in the High Flux Isotope Reactor	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Fuel Cycle Research and Development (FCRD)]; Howard, Richard H.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/19/2016
1325434	Modeling and Depletion Simulations for a High Flux Isotope Reactor Cycle with a Representative Experiment Loading	Chandler, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Reactor and Nuclear Systems Division]; Betzler, Ben [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/1/2016
1328331	Status of Post Irradiation Examination of FCAB and FCAT Irradiation Capsules	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Fuel Cycle Research and Development (FCRD)]; Yamamoto, Yukinori	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/29/2016
1328330	Preliminary Analysis of the General Performance and Mechanical Behavior of Irradiated FeCrAl Base Alloys and Weldments	Gussev, Maxim N. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	9/30/2016
1257906	Investigation of Thermo-Magnetic Processing in Application to Heavy Duty Truck Suspension Components	Makiewicz, Kurt [Hendrickson ATG, Woodridge, IL (United States)]; Yurek, Theodore [Hendrickson ATG, Woodridge, IL (United States)]; Farrell, Brian	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/19/2016
1257907	Feasibility and Scaling of Composite Based Additive Manufacturing	Nuttall, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Chen, Xun [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	4/27/2016
1325459	Workshop Report on Additive Manufacturing for Large-Scale Metal Components - Development and Deployment of Metal Big-Area-Additive-Manufacturing (Large-Scale Metals AM)	Babu, Sudarsanam Suresh [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Manufacturing Demonstration Facility]; Love,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/1/2016
1255698	Enhanced Energy Density in Permanent Magnets using Controlled High Magnetic Field during Processing	Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Carter, Bill [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/5/2016
1257908	Advanced Infusion Techniques with 3-D Printed Tooling	Nuttall, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Elliott, Amy [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	5/10/2016
1267066	Low-Cost Nanocellulose-Reinforced High-Temperature Polymer Composites for Additive Manufacturing	Ozcan, Soydan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Tekinalp, Halil L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/13/2016
1311262	Development of a Preventive Maintenance Program for Tooling Used in Powder Slush Molding	Lara-Curzio, Edgar [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/19/2016
1311265	Additive Manufacturing of Near-net Shaped Permanent Magnets	Paranthaman, M. Parans [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Chemical Sciences Division]; Sridharan, Niyanth [Oak Ridge	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/26/2016
1311268	Investigation of the Deposition and densification Parameters on the Mechanical Properties of Pressurized Spray Deposited (PSD) 3-D Printed Ceramic Components	Menchhofer, Paul A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Materials Science and Technology Division]; Becker,	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/28/2016
1263875	Oak Ridge National Laboratory Wireless Charging of Electric Vehicles - CRADA Report	Onar, Omer C. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Power Electronics and Electric Machinery Group (PEEM). Electrical	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/20/2016
1324094	High Performance Computing Facility Operational Assessment 2015: Oak Ridge Leadership Computing Facility	Barker, Ashley D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Oak Ridge Leadership Computing Facility]; Bernholdt, David	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	3/1/2016
1302888	Lustre Distributed Name Space (DNE) Evaluation at the Oak Ridge Leadership Computing Facility (OLCF)	Simmons, James S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Center for Computational Sciences]; Leverman, Dustin B.	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	8/22/2016
1333645	Is the Multigrid Method Fault Tolerant? The Two-Grid Case	Ainsworth, Mark [Brown Univ., Providence, RI (United States). Division of Applied Mathematics; Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/30/2016

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1328312	Impact of Burst Buffer Architectures on Application Portability	Harms, Kevin [Argonne National Lab. (ANL), Argonne, IL (United States)]; Oral, H. Sarp [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Oak Ridge Leadership Computing Facility	9/30/2016
1261346	SUBGR: A Program to Generate Subgroup Data for the Subgroup Resonance Self-Shielding Calculation	Kim, Kang Seog [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	6/6/2016
1286966	Summary of High-Octane Mid-Level Ethanol Blends Study	Theiss, Timothy J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Alleman, Teresa [National Renewable Energy Lab. (NREL), Golden, CO (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)	7/1/2016
1324172	Informing a Tidal Turbine Strike Probability Model through Characterization of Fish Behavioral Response using Multibeam Sonar Output	Bevelhimer, Mark S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States). Environmental Sciences Division]; Colby, Jonathan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States); Verdant Power, Inc., New York, NY	7/31/2016
1234357	Autocorrelation Function Statistics and Implication to Decay Ratio Estimation	March-Leuba, Jose A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1234987	A Fish-eye View of Riverine Hydropower Systems: Understanding the Biological Response to Turbine Passage	Pracheil, Brenda M [ORNL]; DeRolph, Christopher R [ORNL]; Schramm, Michael P [ORNL]; Bevelhimer, Mark S [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1236598	Spark Plasma Sintering of Ultracapacitors	Hill, Curtis W. [CK Technologies, Camarillo, CA (United States)]; Boatner, Lynn A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1237155	Preliminary Report on Oak Ridge National Laboratory Testing of Drake/ACSS/MAZ/E3X	Irrminger, Philip [ORNL]; Davis, Cody [General Cable Corporation]; Temple, Bill [General Cable Corporation]; Baker, Gord [General Cable Corporation]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238020	Preparation of Simulated LBL Defects for Round Robin Experiment	Baldwin, Charles A [ORNL]; Hunn, John D [ORNL]; Montgomery, Fred C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238023	Rapid Evaluation of Particle Properties using Inverse SEM Simulations	Bekar, Kursat B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Miller, Thomas Martin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238751	Corrosion Assessment of Candidate Materials for the SHINE Subcritical Assembly Vessel and Components FY15 Report	Pawel, Steven J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1240565	Stream Classification Tool User Manual: For Use in Applications in Hydropower-Related Environmental Mitigation	McManamay, Ryan A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Troia, Matthew J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1256824	Virtual interconnection platform initiative scoping study	Liu, Yong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Kou, Gefei [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	1/1/2016
1238017	Electric Grid Expansion Planning with High Levels of Variable Generation	Hadley, Stanton W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; You, Shutang [Univ. of Tennessee, Knoxville, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/1/2016
1245360	Performance Criteria for Capture and/or Immobilization Technologies - Milestone Report	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/1/2016
1245361	Fluoride Salt-Cooled High-Temperature Demonstration Reactor Point Design	Qualls, A. L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/1/2016
1242675	Preliminary test results in support of integrated EPP and SMT design methods development	Wang, Yanli [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jetter, Robert I. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/9/2016
1238747	Needs and Requirements for Future Research Reactors (ORNL Perspectives)	Ilas, Germina [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bryan, Chris [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/10/2016
1248788	Status Report on NEAMS PROTEUS/ORIGEN Integration	Wieselquist, William A [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/18/2016
1254093	Tritium Separation from High Volume Dilute Aqueous Streams- Milestone Report for M3FT-15OR0302092	Bhave, Ramesh R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	2/29/2016
1244202	Thermodynamic and Kinetic Modeling on Thermal Segregation of Phosphorus in Iron	Yang, Ying [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/1/2016
1254092	Clean Energy Manufacturing Analysis Center. 2015 Research Highlights -- Carbon Fiber	Das, Sujit [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/1/2016
1247952	Development of a Long-Life-Cycle, Highly Water-Resistant Solar Reflective Retrofit Roof Coating	Polyzos, Georgios [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hunter, Scott [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	3/4/2016
1247939	ORIGAMI Automator Primer. Automated ORIGEN Source Terms and Spent Fuel Storage Pool Analysis	Wieselquist, William A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Thompson, Adam B. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016
1247949	Uncertainty Quantification for Nuclear Safeguards and Non-Destructive Assay - Fact Sheet	Croft, Stephen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Nicholson, Andrew D [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016
1248786	Comparison of electron beam and laser beam powder bed fusion additive manufacturing process for high temperature turbine component materials	Dreypondt, Sebastien N [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pint, Bruce A [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016
1248793	Post Irradiation Examination Plan for High-Burnup Demonstration Project Sister Rods	Scaglione, John M [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Montgomery, Rose [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)	4/1/2016

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1248797	Linear Array Ultrasonic Test Results from Alkali-Silica Reaction (ASR) Specimens	Clayton, Dwight A [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Khazanovich, Dr. Lev [Univ. of Minnesota,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1252138	PIE on Safety-Tested Loose Particles from Irradiated Compact 4-4-2	Hunn, John D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gerczak, Tyler J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1252157	5.0. Depletion, activation, and spent fuel source terms	Wieselquist, William A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1254091	Qualification of Simulation Software for Safety Assessment of Sodium Cooled Fast Reactors. Requirements and Recommendations	Brown, Nicholas R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pointer, William David [Oak Ridge National Lab. (ORNL),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1256825	Complete Non-Radioactive Operability Tests for Cladding Hull Chlorination	Collins, Emory D [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Johnson, Jared A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1329736	Identifying the Critical Links in Road Transportation Networks: Centrality-based approach utilizing structural properties	Chinthavali, Supriya [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1254094	Global Carbon Fiber Composites. Supply Chain Competitiveness Analysis	Das, Sujit [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Warren, Joshua A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2016
1329123	Integrated Risk-Informed Decision-Making for an ALMR PRISM	Muhlheim, Michael David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Belles, Randy [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/1/2016
1255658	A Brief User's Guide to the Excel [®] -Based DF Calculator	Jubin, Robert Thomas [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2016
1259432	M2FT-16OR020205042: Severe Accident Analysis Of BWR Core Fueled With UO ₂ /FeCrAl with Updated Materials and Melt Properties From Experiments	Robb, Kevin R [ORNL]; McMurray, Jake W [ORNL]; Terrani, Kurt A [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/1/2016
1287035	Microgrid Controller and Advanced Distribution Management System Survey Report	Liu, Guodong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Starke, Michael R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1295139	Shared Freight Transportation and Energy Commodities Phase One: Coal, Crude Petroleum, & Natural Gas Flows	Chin, Shih-Miao [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hwang, Ho-Ling [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1295143	Analyzing the Implications of Climate Data on Plant Hardiness Zones for Green Infrastructure Planning: Case Study of Knoxville, Tennessee and Surrounding Region	Sylvester, Linda M [ORNL]; Omitaomu, Olufemi A [ORNL]; Parish, Esther S [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1326509	SCALE Code System 6.2.1	Rearden, Bradley T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jessee, Matthew Anderson [Oak Ridge National Lab.	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1327675	Technique development for modulus, microcracking, hermeticity, and coating evaluation capability characterization of SiC/SiC tubes	Hu, Xunxiang [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States)]; Ang, Caen K. [Oak Ridge National Laboratory (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1329760	Iodine Adsorption by Ag-Aerogel under Prototypical Vessel Off-Gas Conditions	Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL),	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1330544	A model to evaluate 100-year energy mix scenarios to facilitate deep decarbonization in the southeastern United States	Adkisson, Mary A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Qualls, A. L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1324183	Analysis of Gas Membrane Ultra-High Purification of Small Quantities of Mono-Isotopic Silane	de Almeida, Valmor F [ORNL]; Hart, Kevin J [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1325486	Processing and Monthly Summaries of Downscaled Climate Data for Knoxville, Tennessee and Surrounding Region	Sylvester, Linda M [ORNL]; Omitaomu, Olufemi A [ORNL]; Parish, Esther S [ORNL]; Allen, Melissa R [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1325489	The Freight Analysis Framework Verson 4 (FAF4) - Building the FAF4 Regional Database: Data Sources and Estimation Methodologies	Hwang, Ho-Ling [ORNL]; Hargrove, Stephanie [ORNL]; Chin, Shih-Miao [ORNL]; Wilson, Daniel W [ORNL]; Taylor, Rob D [ORNL]; Davidson, Diane	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326508	Neutron Activation Foil and Thermoluminescent Dosimeter Responses to a Lead Reflected Pulse of the CEA Valduc SILENE Critical Assembly	Miller, Thomas Martin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Celik, Cihangir [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326519	Analyzing the Implications of Climate Data on the Rainfall Frequency Spectrum: Case Study of Knoxville, Tennessee and Surrounding Region	Sylvester, Linda M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Omitaomu, Olufemi A. [Oak Ridge National Lab.	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326525	Report on Status of Shipment of High Fluence Austenitic Steel Samples for Characterization and Stress Corrosion Crack Testing	Clark, Scarlett R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Leonard, Keith J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327663	Neutron Activation Foil and Thermoluminescent Dosimeter Responses to a Polyethylene Reflected Pulse of the CEA Valduc SILENE Critical Assembly	Miller, Thomas Martin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Celik, Cihangir [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327672	Isotope Program Report June FY2016	Lewis, Jr, Benjamin E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Egle, Brian [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327679	Best Practices for NPT Transit Matching	Gilligan, Kimberly V. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Whitaker, J. Michael [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1330516	U.S. Commercial Spent Nuclear Fuel Assembly Characteristics - 1968-2013	Hu, Jianwei [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Peterson, Joshua L. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016

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1330542	Analysis of Selected Legacy ⁸⁵Kr Samples	Jubin, Robert Thomas [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bruffey, Stephanie H. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/2/2016
1329758	Toughness testing and high-temperature oxidation evaluations of advanced alloys for core internals	Tan, Lizhen [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pint, Bruce A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/16/2016
1330552	Complete Status Report Documenting Weld Development for Thin Wall Tubing of ODS Ferritic Alloys	Hoelzer, David T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Edmondson, Philip D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/16/2016
1326527	DTK C/Fortran Interface Development for NEAMS FSI Simulations	Slattery, Stuart R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Lebrun-Grandie, Damien T. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/19/2016
1328314	Safety Testing of AGR-2 UCO Compacts 5-2-2, 2-2-2, and 5-4-1	Hunn, John D [ORNL]; Morris, Robert Noel [ORNL]; Baldwin, Charles A [ORNL]; Montgomery, Fred C [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1329733	Chattanooga Electric Power Board Case Study Distribution Automation	Glass, Jim [Chattanooga Electric Power Board (EPB), TN (United States)]; Melin, Alexander M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1329771	Integrated Surface/subsurface flow modeling in PFLOTRAN	Painter, Scott L [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1331078	Final Report: Non-Visible, Automated Target Acquisition and Tracking	Ziock, Klaus-Peter [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Fabris, Lorenzo [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1331097	Development of coatings for ultrasonic additive manufacturing sonotrode using laser direct metal deposition process	Sridharan, Niyanth [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Dehoff, Ryan R. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1331092	The Oak Ridge Competitive Electricity Dispatch (ORCED) Model Version 9	Hadley, Stanton W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Baek, Young Sun [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2016
1334468	Biota Modeling in EPA s Preliminary Remediation Goal and Dose Compliance Concentration Calculators for Use in EPA Superfund Risk Assessment: Explanation of Intake Rate	Manning, Karessa L [ORNL]; Dolislager, Fredrick G [ORNL]; Bellamy, Michael B [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2016
1334481	Fusion Materials Research at Oak Ridge National Laboratory in Fiscal Year 2016	Wiffen, Frederick W [ORNL]; Katoh, Yutai [ORNL]; Melton, Stephanie G [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	12/1/2016
1238754	Field Demonstration of Ground-Source Integrated Heat Pump Part I. Technology and Field Demo System/Site Descriptions, and Preliminary Summer/Fall Performance Analysis for One	Baxter, Van D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2016
1245362	High Efficiency Water Heating Technology Development Final Report. Part I, Lab/Field Performance Evaluation and Accelerated Life Testing of a Hybrid Electric Heat Pump Water	Baxter, Van D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Murphy, Richard W. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1287036	Revised Heating Load Line Analysis: Addendum to ORNL/TM-2015/281	Rice, C. Keith [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Shen, Bo [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1324190	FY16 Q3 Milestone Report for Geothermal Vision Study Thermal Application (Geothermal Heat Pump): Complete Simulations of GHP Installations for Representative Buildings	Liu, Xiaobing [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1319163	Case Study for the ARRA-funded Ground Source Heat Pump Demonstration at Denver Museum of Nature & Science	Im, Piljae [ORNL]; Liu, Xiaobing [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1326522	Alternative Refrigerant Evaluation for High-Ambient-Temperature Environments: R-22 and R-410A Alternatives for Rooftop Air Conditioners	Abdelaziz, Omar [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Shrestha, Som S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1327684	Field Demonstration of Ground-Source Integrated Heat Pump-Final Report	Baxter, Van D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Munk, Jeffrey D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329751	Multiyear Plan for Validation of EnergyPlus Multi-Zone HVAC System Modeling using ORNL's Flexible Research Platform	Im, Piljae [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Bhandari, Mahabir S. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1260087	Bench Testing Results for the Electrical PCM-Assisted Thermal Heating System (ePATHS)	LaClair, Tim J. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gao, Zhiming [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/20/2016
1246778	Adsorption Properties of Lignin-derived Activated Carbon Fibers (LACF)	Contescu, Cristian I. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Gallego, Nidia C. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1246776	Ionic Liquids as Multi-Functional Lubricant Additives to Enhance Engine Efficiency (final report NFE-12-03876)	Qu, Jun [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Luo, Huimin [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1295144	Database on Performance of Neutron Irradiated FeCrAl Alloys	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Briggs, Samuel A. [Univ. of Wisconsin, Madison, WI (United States)];	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1238027	Determine Operating Reactor to Use for the 2016 PCI Level 1 Milestone	Clarno, Kevin T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/30/2016
1248783	Standalone BISON Fuel Performance Results for Watts Bar Unit 1, Cycles 1-3	Clarno, Kevin T. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Pawlowski, Roger [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/7/2016
1302925	VERA and VERA-EDU 3.5 Release Notes	Sieger, Matt [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Salko, Robert K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/26/2016

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1329768	Shift Verification and Validation	Pandya, Tara M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Evans, Thomas M. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/7/2016
1247950	Assessment of Gasoline Additive Containing Diterbutoxypropanol	West, Brian H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Connatser, Raynella M. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1287033	Measurement of Vehicle Air Conditioning Pull-Down Period	Thomas, John F [ORNL]; Huff, Shean P [ORNL]; Moore, Larry G [ORNL]; West, Brian H [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1240581	Status Report on Irradiation Capsules Containing Welded FeCrAl Specimens for Radiation Tolerance Evaluation	Field, Kevin G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Howard, Richard H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/26/2016
1244203	The influence of low dose neutron irradiation on the thermal conductivity of Allcomp carbon foam	Burchell, Timothy D. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Porter, Wallace D. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/1/2016
1326521	Report on FY16 Low-dose Metal Fuel Irradiation and PIE	Edmondson, Philip D.	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1330553	Key metrics for HFIR HEU and LEU models	Ilas, Germina [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Betzler, Benjamin R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/25/2016
1331090	M3FT-16OR020202112 - Report on viability of hydrothermal corrosion resistant SiC/SiC Joint development	Katoh, Yutai [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Koyanagi, Takaaki [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	6/30/2016
1238021	The Development of Expansion Plug Wedge Test for Clad Tubing Structure Mechanical Property Evaluation	Wang, Jy-An John [ORNL]; Jiang, Hao [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/12/2016
1287034	FY 2016 Status Report: CIRFT Testing Data Analyses and Updated Curvature Measurements	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	8/1/2016
1324196	FY 2016 Status Report: Documentation of All CIRFT Data including Hydride Reorientation Tests (Draft M2)	Wang, Jy-An John [ORNL]; Wang, Hong [ORNL]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329134	Development of Cone Wedge Ring Expansion Test to Evaluate Mechanical Properties of Clad Tubing Structure	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016
1329157	ORNL Interim Progress Report on Static CIRFT Testing Curvature Data Update	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wang, Hong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/10/2016
1333100	ORNL Interim Progress Report on Hydride Reorientation CIRFT Tests	Wang, Jy-An John [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Yan, Yong [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/28/2016
1334482	DPF Durability ORNL-04-0692	Watkins, Thomas R [ORNL]; Shyam, Amit [ORNL]; Lara-Curzio, Edgar [ORNL]; Stafford, Randall [Cummins, Inc]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	11/1/2016
1246779	INVESTIGATION OF TITANIUM BONDED GRAPHITE FOAM COMPOSITES FOR MICRO ELECTRONIC MECHANICAL SYSTEMS (MEMS) APPLICATIONS	Menchhofer, Paul A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	4/1/2016
1237641	Collaborative Technology Assessments Of Transient Field Processing And Additive Manufacturing Technologies As Applied To Gas Turbine Components	Ludtka, Gerard Michael [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Dehoff, Ryan R. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/1/2016
1238025	Low-cost Electromagnetic Heating Technology for Polymer Extrusion-based Additive Manufacturing	Carter, William G. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Rios, Orlando [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/7/2016
1247953	Additive Manufacturing of Advanced High Temperature Masking Fixtures for EBVD TBC Coating	List, III, Frederick Alyious [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Feuerstein, Albert [Praxair Surface Technologies, Inc., (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	3/30/2016
1254096	Materials and Additive Manufacturing for Energy Efficiency in Wind Turbine and Aircraft Industries	Datskos, Panos G [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Polyzos, Georgios [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/4/2016
1256828	The New S-RAM Air Variable Compressor/Expander for Heat Pump and Waste Heat to Power Application	Dehoff, Ryan R [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Jestings, Lee [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	5/23/2016
1287037	CRADA/NFE-15-05761 Report: Additive Manufacturing of Isotropic NdFeB Bonded Permanent Magnets	Paranthaman, M. Parans [Oak Ridge National Laboratory (ORNL), Oak Ridge, TN (United States). Manufacturing Demonstration Facility (MDF)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/18/2016
1327670	Additive Manufacturing of Tooling for Refrigeration Cabinet Foaming Processes	Post, Brian K [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Nuttall, David [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/29/2016
1326514	Feasibility and Testing of Additive Manufactured Components	Dehoff, Ryan R. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Hummelt, Ed [Eaton Corporation, Milwaukee, WI (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329150	Evaluation of Additive Manufacturing for Stainless Steel Components	Peter, William H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Lou, Xiaoyuan [General Electric (GE), Wilmington, NC (United	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/1/2016
1329774	CRADA/NFE-15-05779 Report: Fabrication of Large Area Printable Composite Magnets	Paranthaman, M. Parans [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/29/2016
1329148	Printed Spacecraft Separation System	Holmans, Walter [Planetary Systems Corporation, Silver Springs, MD (United States)]; Dehoff, Ryan [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	10/1/2016

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1246777	Comparison of ORNL Low Cost Carbon Fiber with Commercially Available Industrial Grade Carbon Fiber in Pultrusion Samples	Norris, Jr, Robert E. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; McCay, Jeff A. [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	ORNL	Oak Ridge National Laboratory (ORNL)	2/1/2016
1295141	Powertrain Test Procedure Development for EPA GHG Certification of Medium- and Heavy-Duty Engines and Vehicles	Chambon, Paul H. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Deter, Dean D. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	7/1/2016
1329775	Evaluation of Zinc-Coated Ductile Iron Pipe	Shipilov, Sergei A. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Unocic, Kinga A. [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	9/30/2016
1254090	Development and Testing of CTF to Support Modeling of BWR Operating Conditions	Salko, Robert K. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Wysocki, Aaron [Oak Ridge National Lab. (ORNL), Oak Ridge, TN	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/29/2016
1238755	Neutron Scattering of Residual Hydrogen in 1,4-Dioxane-D8 Liquid. Understanding Measurements with Molecular Dynamics Simulations	de Almeida, Valmor F. [Oak Ridge National Lab. (ORNL), Oak Ridge, TN (United States)]; Liu, Hongjun [Oak Ridge National Lab. (ORNL), Oak	TR	ORNL	Oak Ridge National Laboratory (ORNL)	1/25/2016
1242342	Predictive Engineering Tools for Injection-Molded Long-Carbon-Fiber Thermoplastic Composites - FY 2016 First Quarterly Report	Nguyen, Ba Nghiep [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fifield, Leonard S. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	1/31/2016
1242340	Basic Research Needs for Environmental Management	Clark, Sue B. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Buchanan, M. V. [Oak Ridge National Lab. (ORNL), Oak Ridge,	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/9/2016
1240225	Developing Performance Cost Index Targets for ASHRAE Standard 90.1 Appendix G "Performance Rating Method	Rosenberg, Michael I. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hart, Philip R. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/16/2016
1239485	Commercial Building Energy Code Compliance Literature Review	Bartlett, Rosemarie [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Halverson, Mark A. [Pacific Northwest National	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/22/2016
1242341	Pacific Northwest National Laboratory's Climate Resiliency Planning Process and Lessons Learned	Fowler, Kimberly M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Judd, Kathleen S. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/22/2016
1241080	Assessment of the National Research Universal Reactor Proposed New Stack Sampling Probe Location for Compliance with ANSI/HPS N13.1-1999	Glissmeyer, John A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Antonio, Ernest J. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/29/2016
1328844	Stack Flow Rate Changes and the ANSI/N13.1-1999 Qualification Criteria: Application to the Hanford Canister Storage Building Stack	Flaherty, Julia E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Glissmeyer, John A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/29/2016
1330923	PNNL Development and Analysis of Material-Based Hydrogen Storage Systems for the Hydrogen Storage Engineering Center of Excellence	Brooks, Kriston P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Alvine, Kyle J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	2/29/2016
1247456	Fast Pyrolysis and Hydrotreating: 2015 State of Technology R&D and Projections to 2017	Jones, Susanne B. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Snowden-Swan, Lesley J. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1260870	Developing Performance Cost Index Targets for ASHRAE Standard 90.1 Appendix G "Performance Rating Method - Rev.1	Rosenberg, Michael I. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hart, Philip R. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1314416	Tests of a Design Details and Theory of Operation	Miller, Carl H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1330300	Analytical Data Report for Sediment Samples Collected From 116-KE-3 and UPR-100-K-1; Boreholes C8796 and C8796	Snyder, Michelle M.V. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Last, George V. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/1/2016
1314415	Biochar from Biomass and its Potential Agronomic and Environmental Use in Washington: A Promising Alternative to Drawdown Carbon from the Atmosphere and Develop a New	Amonette, James E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Garcia-Perez, Manuel [Washington State Univ., Pullman,	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/4/2016
1242343	Analysis of Pharmaceutical and Personal Care Compounds in Wastewater Sludge and Aqueous Samples using GC-MS/MS	Zhong, Lirong [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Mitroshkov, Alexandre V. [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/15/2016
1258729	Characterization of a Commercial Silicon Beta Cell	Foxe, Michael P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Hayes, James C. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/31/2016
1328843	UO ₂ Particle Standards: Synthesis, Purification & Planchet Preparation	Barrett, Christopher A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Anheier, Norman C. [Pacific Northwest National	TR	PNNL	Pacific Northwest National Lab. (PNNL)	3/31/2016
1256394	Hydrotreater/Distillation Column Hazard Analysis Report Rev. 2	Lowry, Peter P. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Wagner, Katie A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	4/15/2016
1251315	Integrating Renewable Generation into Grid Operations: Four International Experiences	Weimar, Mark R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Mylrea, Michael E. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	4/22/2016
1326153	Performance of Virtual Current Meters in Hydroelectric Turbine Intakes	Harding, Samuel F. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States). Hydrology Group]; Romero-Gomez, Pedro D. J.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	4/30/2016
1256393	Valuation of Transactive Systems	Hammerstrom, Donald J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Corbin, Charles D. [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	5/12/2016
1258730	Light Water Reactor Sustainability Program: Evaluation of Localized Cable Test Methods for Nuclear Power Plant Cable Aging Management Programs	Glass, Samuel W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fifield, Leonard S. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	5/30/2016
1259942	Potential Impacts of Accelerated Climate Change	Leung, L. R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Vail, L. W. [Pacific Northwest National Lab. (PNNL), Richland,	TR	PNNL	Pacific Northwest National Lab. (PNNL)	5/31/2016

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1260869	False Negative Rates of a Macrofoam-Swab Sampling Method with Low Surface Concentrations of Two Bacillus anthracis Surrogates via Real-Time PCR	Hutchison, Janine R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Piepel, Gregory F. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/1/2016
1258731	Hydrothermal Liquefaction and Upgrading of Municipal Wastewater Treatment Plant Sludge: A Preliminary Techno-Economic Analysis	Snowden-Swan, Lesley J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Zhu, Yunhua [Pacific Northwest National	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/8/2016
1274876	Compilation of PRF Canyon Floor Pan Sample Analysis Results	Pool, Karl N. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Minette, Michael J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/30/2016
1282484	Affordable Hybrid Heat Pump Clothes Dryer	TeGrotenhuis, Ward E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Butterfield, Andrew [Jabil, St. Petersburg, FL	TR	PNNL	Pacific Northwest National Lab. (PNNL)	6/30/2016
1326152	VOLTRON [®] ,c: Tech-to-Market Best-Practices Guide for Small- and Medium-Sized Commercial Buildings	Cort, Katherine A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Haack, Jereme N. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	7/11/2016
1328845	CASS Ferrite and Grain Structure Relationship	Ruud, Clayton O. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Ramuhalli, Pradeep [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	7/13/2016
1329453	Report on July 2015 Additional Protocol Coordinators Best Practices Workshop	Gitau, Ernest T.N. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Burbank, Roberta L. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	7/31/2016
1327162	Review Team Focused Modeling Analysis of Radial Collector Well Operation on the Hypersaline Groundwater Plume beneath the Turkey Point Site near Homestead, Florida	Oostrom, Martinus [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Vail, Lance W. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/1/2016
1329455	Meeting Summary of Kitchen Cabinet on Financial Due Diligence to Reduce Proliferation Risks	Hund, Gretchen [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Weise, Rachel A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/15/2016
1329454	Engaging Industry in Supporting Self Regulation	Hund, Gretchen [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Weise, Rachel A. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/31/2016
1329456	Walk the Talk: Progress in Building a Supply Chain Security Culture	Hund, Gretchen [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	8/31/2016
1327163	Simulant Basis for the Standard High Solids Vessel Design	Peterson, Reid A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fiskum, Sandra K. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2016
1328060	Bulk Electrical Cable Non-Destructive Examination Methods for Nuclear Power Plant Cable Aging Management Programs	Glass, Samuel W. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Jones, Anthony M. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2016
1330299	Strengthening IAEA Safeguards for Research Reactors	Reid, Bruce D. [Lawrence Livermore National Lab. (LLNL), Livermore, CA (United States)]; Anzelon, George A. [Lawrence Livermore National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/1/2016
1327164	Integrated Disposal Facility FY 2012 Glass Testing Summary Report, Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/2/2016
1326155	Corrosion of Metal Inclusions In Bulk Vitrification Waste Packages Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326156	Waste Form Release Data Package for the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326157	Integrated Disposal Facility FY2011 Glass Testing Summary Report Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326158	Laboratory Testing of Bulk Vitrified Low-Activity Waste Forms to Support the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326159	Sensitivity Analysis of Kinetic Rate-Law Parameters Used to Simulate Long-Term Weathering of ILAW Glass Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326160	Waste Form Release Calculations for the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1326161	Waste Form Release Data Package for the 2005 Integrated Disposal Facility Performance Assessment Erratum	Smith, Gary L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/6/2016
1330925	Investigations Into the Reusability of Amidoxime-Based Polymeric Uranium Adsorbents	Kuo, Li-Jung [Pacific Northwest National Lab. (PNNL), Sequim, WA (United States). Marine Science Lab.]; Gill, Gary A. [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/28/2016
1330924	Summary of Adsorption Capacity and Adsorption Kinetics of Uranium and Other Elements on Amidoxime-based Adsorbents from Time Series Marine Testing at the Pacific	Gill, Gary A. [Pacific Northwest National Lab. (PNNL), Sequim, WA (United States). Marine Sciences Lab.]; Kuo, Li-Jung [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/29/2016
1328842	Solid State Characterizations of Long-Term Leached Cast Stone Monoliths	Asmussen, Robert M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Pearce, Carolyn I. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/30/2016
1332622	Uranium from Seawater Marine Testing Program at the University of Miami's Broad Key Island Research Station	Gill, Gary A. [Pacific Northwest National Lab. (PNNL), Sequim, WA (United States). Marine Sciences Lab.]; Kuo, Li-Jung [Pacific Northwest	TR	PNNL	Pacific Northwest National Lab. (PNNL)	9/30/2016
1334003	Impacts of Model Building Energy Codes	Athalye, Rahul A. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Sivaraman, Deepak [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Lab. (PNNL)	10/31/2016

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1244801	Grid Architecture 2	Taft, Jeffrey D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	1/1/2016
1240754	Vulnerability Assessments and Resilience Planning at Federal Sites	Moss, Richard H. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Blohm, Andrew [Univ. of Maryland, College Park, MD	TR	PNNL	Pacific Northwest National Laboratory	2/1/2016
1245899	Sensing and Measurement Architecture for Grid Modernization	Taft, Jeffrey D. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; De Martini, Paul [California Inst. of Technology (CalTech),	TR	PNNL	Pacific Northwest National Laboratory	2/1/2016
1244800	K West Basin Sand Filter Backwash Sample Analysis	Fiskum, Sandra K. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Smoot, Margaret R. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Laboratory	3/1/2016
1245898	Laboratory Directed Research and Development Annual Report for 2015	Sullivan, Kelly O. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]	TR	PNNL	Pacific Northwest National Laboratory	3/1/2016
1249270	Protocol for Uniformly Measuring and Expressing the Performance of Energy Storage Systems	Conover, David R. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Crawford, Aladsair J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	4/1/2016
1255406	Cesium Isotherm Testing with Spherical Resorcinol-Formaldehyde Resin at High Sodium Concentrations	Russell, Renee L. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Fiskum, Sandra K. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	4/1/2016
1253882	ANSI/ASHRAE/IES Standard 90.1-2010 Performance Rating Method Reference Manual	Goel, Supriya [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Rosenberg, Michael I. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	5/1/2016
1327165	Hydrothermal Liquefaction and Upgrading of Municipal Wastewater Treatment Plant Sludge: A Preliminary Techno-Economic Analysis, Rev.1	Snowden-Swan, Lesley J. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Zhu, Yunhua [Pacific Northwest National	TR	PNNL	Pacific Northwest National Laboratory	9/1/2016
1333451	Maintaining Continuity of Knowledge (CoK) of Spent Fuel Pools: Tool Survey - Scenarios, Technology Considerations, and Evaluation Criteria	Benz, Jacob M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Tanner, Jennifer E. [Pacific Northwest National Lab.	TR	PNNL	Pacific Northwest National Laboratory	1/18/2016
1239486	Assessing Potential Energy Cost Savings from Increased Energy Code Compliance in Commercial Buildings	Rosenberg, Michael I.; Hart, Philip R.; Athalye, Rahul A.; Zhang, Jian; Wang, Weimin	TR	PNNL	Pacific Northwest National Laboratory	2/15/2016
1333456	Viability Study for an Unattended UF6 Cylinder Verification Station: Phase I Final Report	Smith, Leon E. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Miller, Karen A. [Los Alamos National Lab. (LANL), Los	TR	PNNL	Pacific Northwest National Laboratory	5/31/2016
1333452	Maintaining Continuity of Knowledge of Spent Fuel Pools: Tool Survey	Benz, Jacob M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Smartt, Heidi A. [Sandia National Lab. (SNL-NM),	TR	PNNL	Pacific Northwest National Laboratory	8/30/2016
1333453	A Radiation-Triggered Surveillance System for UF6 Cylinder Monitoring	Curtis, Michael M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Myjak, Mitchell J. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	9/23/2016
1333454	Nondestructive Examination Guidance for Dry Storage Casks	Meyer, Ryan M. [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Suffield, Sarah R. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	9/30/2016
1333455	Options for the Separation and Immobilization of Technetium	Serne, R Jeffrey [Pacific Northwest National Lab. (PNNL), Richland, WA (United States)]; Crum, Jarrod V. [Pacific Northwest National Lab. (PNNL),	TR	PNNL	Pacific Northwest National Laboratory	9/30/2016
1259543	Workshop on Incomplete Network Data Held at Sandia National Labs â€” Livermore	Soundarajan, Sucheta [Syracuse Univ., NY (United States)]; Wendt, Jeremy D. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	6/1/2016
1311528	Modeling Primary Atomization of Liquid Fuels using a Multiphase DNS/LES Approach	Arienti, Marco [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Oefelein, Joe [Sandia National Lab. (SNL-CA), Livermore, CA	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	8/1/2016
1332174	In-situ Calibration of Detectors using Muon-induced Neutrons	Marleau, Peter [Sandia National Lab. (SNL-CA), Livermore, CA (United States). Radiation and Nuclear Detection Systems]; Reyna, David [Sandia	TR	SNL	Sandia National Lab. (SNL-CA), Liverm	10/31/2016
1333705	Analyze D₂O Losses from the D₂O loaded AgZ provided in FY15 By ORNL	Alam, Todd [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Nenoff, Tina M. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	4/20/2016
1262728	SIERRA Multimechanics Module: Aria User Manual â€” Version 4.40	Notz, Patrick K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Subia, Samuel Ramirez [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	5/2/2016
1259541	Xyceâ„ƒ Parallel Electronic Simulator Users' Guide, Version 6.5.	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Electrical Models and Simulation]; Aadithya, Karthik V.	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	6/1/2016
1259542	Xyceâ„ƒ Parallel Electronic Simulator Reference Guide, Version 6.5	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Electrical Models and Simulation]; Aadithya, Karthik V.	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	6/1/2016
1332172	Conducting a Nuclear Security Assessment	Leach, Janice [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Snell, Mark K. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	6/1/2016
1333699	Considerations of the Differences between Bedded and Domal Salt Pertaining to Disposal of Heat-Generating Nuclear Waste	Hansen, Francis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kuhlman, Kristopher L. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	7/7/2016
1333710	Considerations of the Differences between Bedded and Domal Salt Pertaining to Disposal of Heat-Generating Nuclear Waste	Hansen, Francis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Kuhlman, Kristopher L. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	7/7/2016
1333713	International Collaboration Activities on Engineered Barrier Systems	Jove-Colon, Carlos F. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Lab. (SNL-NM), Albuq	8/31/2016

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1333701	Deep Borehole Field Test Laboratory and Borehole Testing Strategy	Kuhlman, Kristopher L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Brady, Patrick V. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/19/2016
1333708	Advances in Geologic Disposal System Modeling and Application to Crystalline Rock	Mariner, Paul E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Stein, Emily R. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/22/2016
1333703	The On-line Waste Library (OWL): Usage and Inventory Status Report	Sassani, David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jang, Je-Hun [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/23/2016
1333711	FY16 Summary Report: Participation in the KOSINA Project	Matteo, Edward N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hansen, Francis D. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/23/2016
1333709	Reinvestigation into Closure Predictions of Room D at the Waste Isolation Pilot Plant	Reedlunn, Benjamin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/27/2016
1333702	Deep Borehole Field Test Conceptual Design Report	Hardin, Ernest L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1333704	Status of Progress Made Toward Preliminary Design Concepts for the Inventory in Select Media for DOE-Managed HLW/SNF	Matteo, Edward N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Hardin, Ernest L. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1333706	Results for the Aboveground Configuration of the Boiling Water Reactor Dry Cask Simulator	Durbin, Samuel G. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lindgren, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1333707	Uncertainty quantification methodologies development for stress corrosion cracking of canister welds	Dingreville, Remi Philippe Michel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bryan, Charles R. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)	9/30/2016
1234474	Analysis of Alternatives (AoA) of Open Collaboration and Research Capabilities Collaboratipon in Research and Engineering in Advanced Technology and Education and High-	Vrieling, P. Douglas [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1234479	Collaboration in Research and Engineering for Advanced Technology.	Vrieling, P. Douglas [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1234481	Final Technical Report: Low-Cost Solar Variability Sensors for Ubiquitous Deployment.	Lave, Matthew Samuel [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1235214	FY2015 Annual Report for Alternative Fuels DISI Engine Research.	Sjberg, Carl-Magnus G. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1236111	Netflow Theory Manual	Bozinovski, Radoslav; William Winters	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	1/1/2016
1237406	East Bay Area Benchmark Study	Vrieling, P. Douglas [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	2/1/2016
1237893	Hydrogen Assisted Fracture of Stainless Steels	Sugar, Joshua Daniel; Somerday, Brian P.; Homer, Mark; Vitale, Suzy; Matsuda, Junko	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	2/1/2016
1257616	Element Verification and Comparison in Sierra/Solid Mechanics Problems	Ohashi, Yuki; Roth, William	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	5/1/2016
1330190	Game Theory for Proactive Dynamic Defense and Attack Mitigation in Cyber-Physical Systems	Letchford, Joshua [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	9/1/2016
1331427	System Construction of the Stilbene Compact Neutron Scatter Camera	Goldsmith, John E. M. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Gerling, Mark D. [Sandia National Lab. (SNL-CA), Livermore, CA	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	10/1/2016
1333517	Storm Water Data 10-27-2016 for Upload to State Database.	Holland, Robert C. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]	TR	SNL	Sandia National Laboratories (SNL-CA), Livermore, CA (United States)	11/1/2016
1234473	Multi-Objective Advanced Inverter Controls to Dispatch the Real and Reactive Power of Many Distributed PV Systems.	Reno, Matthew J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Lave, Matthew Samuel [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234476	Quantum Oscillations in an Interfacial 2D Electron Gas.	Zhang, Bingop [Zhejiang Univ., Hangzhou (China)]; Lu, Ping [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Liu, Henan	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234477	IDC Re-Engineering Phase 2 Iteration E1 Use Case Model Survey.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Carr, Dorthe B. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234478	IDC Re-Engineering Phase 2 Iteration E1 Use Cases.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Carr, Dorthe B. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234480	Extended-Term Dynamic Simulations with High Penetrations of Photovoltaic Generation.	Concepcion, Ricky James [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Elliott, Ryan Thomas [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234564	IDC Re-Engineering Phase 2 Data Model.	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Young, Christopher J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016
1234566	IDC Re-Engineering Phase 2 Data Model to IDC Schema Mapping.	Hamlet, Benjamin R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Montoya, Mark Sinclair [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)	1/1/2016

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1234567	IDC Re-Engineering Phase 2 Glossary.	Young, Christopher J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Harris, James M. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234568	Electrical Breakdown Physics in Photoconductive Semiconductor Switches (PCSS).	Mar, Alan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Zutavern, Fred J. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234818	PV Systems Reliability Final Technical Report: Ground Fault Detection	Lavrova, Olga [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Flicker, Jack David [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234936	Permafrost Active Layer Seismic Interferometry Experiment (PALSIE).	Abbott, Robert [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Knox, Hunter Anne [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1234984	LDRD @ SNL November 2015.	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235209	Fire Intensity Data for Validation of the Radiative Transfer Equation	Blanchat, Thomas K. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Jernigan, Dann A. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235210	Regulatory Guide on Conducting a Security Vulnerability Assessment	Ek, David R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235211	Approximate Model for Turbulent Stagnation Point Flow.	Dechant, Lawrence [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235213	Fukushima Daiichi Unit 1 Accident Progression Uncertainty Analysis and Implications for Decommissioning of Fukushima Reactors - Volume I.	Gauntt, Randall O. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Mattie, Patrick D. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235524	Internal (Annular) and Compressible External (Flat Plate) Turbulent Flow Heat Transfer Correlations.	Dechant, Lawrence [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Smith, Justin [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235537	Verification of Advective Bar Elements Implemented in the Aria Thermal Response Code.	Mills, Brantley [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235646	Multi-Pack Disposal Concepts for Spent Fuel (Revision 1)	Hardin, Ernest [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Matteo, Edward N. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235649	Analysis of Debris Trajectories at the Scaled Wind Farm Technology (SWIFT) Facility	White, Jonathan R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Burnett, Damon J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235806	Quantum Graph Analysis	Maunz, Peter Lukas Wilhelm [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sterk, Jonathan David [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235807	Integrated Human Futures Modeling in Egypt	Passell, Howard D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Aamir, Munaf Syed [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235808	Mapping the Energy-Water Nexus around the Pacific Rim	Tidwell, Vincent C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Moreland, Barbara Denise [Sandia National Lab.	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235987	Economic Viability of Brewery Spent Grain as a Biofuel	Morrow, Charles [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235988	Microgrid Design Analysis Using Technology Management Optimization and the Performance Reliability Model	Stamp, Jason E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Eddy, John P. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235989	ER Consolidated Qtrly Rpt_July-September 2015_January 2016	Cochran, John R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235990	Tunable Graphitic Carbon Nano-Onions Development in Carbon Nanofibers for Multivalent Energy Storage	Schwarz, Haiqing L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1235991	Summary of Technical Meeting To Compare US/French Approaches for Physical Protection Test Beds	Mack, Thomas Kimball [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Martinez, Ruben [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236108	MELCOR/CONTAIN LMR Implementation Report-Progress FY15	Humphries, Larry L.; Louie, David	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236109	Quantification of Lithium-ion Cell Thermal Runaway Energetics	Orendorff, Christopher; Lamb, Joshua; Steele, Leigh Anna Marie; Spangler, Scott Wilmer; Langendorf, Jill Louise	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236110	Notes on a New Coherence Estimator	Bickel, Douglas L.	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236112	Evaluation of Strontium Selectivity by Sandia Octahedral Molecular Sieves (SOMS).	Rigali, Mark J.; Stewart, Thomas Austin	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236730	Metal-Organic Framework Thin Films as Stationary Phases in Microfabricated Gas-Chromatography Columns.	Read, Douglas [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sillerud, Colin Halliday [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236944	Technology Transfer and Outreach for SNL/Rochester ALPHA Project.	Sinars, Daniel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016

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1237001	Budgeting for Solar PV Plant Operations & Maintenance: Practices and Pricing.	Enbar, Nadav [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Weng, Dean [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237002	SWIFT Software Quality Assurance Plan.	Berg, Jonathan Charles [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237403	SWIFT site atmospheric characterization	Kelley, Christopher Lee [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ennis, Brandon Lee [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237520	Task Parallel Incomplete Cholesky Factorization using 2D Partitioned-Block Layout	Kim, Kyungjoo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rajamanickam, Sivasankaran [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237522	Numerical Estimation of the Spent Fuel Ratio	Lindgren, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Durbin, Samuel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1239691	Implementing a lessons learned process at Sandia National Laboratories	Fossbage, Erik D.; Drewien, Celeste A.; Eras, Kenneth; Hartwig, Ronald Craig; Post, Debra S.; Stoecker, Nora Kathleen	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1237408	Analytical Solution to the Pneumatic Transient Rod System at ACR	Fehr, Brandon Michael [Georgia Inst. of Technology, Atlanta, GA (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/8/2016
1235986	Proceedings of the 6th US/German Workshop on Salt Repository Research, Design, and Operation	Hansen, Francis D. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Steininger, Walter [Karlsruhe Inst. of Technology (KIT)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/11/2016
1237003	High Optical Access Trap 2.0.	Maunz, Peter Lukas Wilhelm [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/26/2016
1237004	Verification and Validation of a Coordinate Transformation Method in Axisymmetric Transient Magnetics.	Ashcraft, C. Chace [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Niederhaus, John Henry [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	1/29/2016
1237138	Sandia SWIFT Site Safe Work Planning Manual.	White, Jonathan	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237404	DOE SunShot System Integration Program. Accomplishments and Impacts	Boynnton, Shannon [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ellis, Abraham [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237521	Helium trapping at erbium oxide precipitates in erbium hydride	Foiles, Stephen M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Battaile, Corbett Chandler [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237891	Environmental Management System Objectives & Targets Results Summary - FY 2015.	Vetter, Douglas W	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237892	Defect Characterization for Material Assurance in Metal Additive Manufacturing (FY15-0664)	Salzbrenner, Bradley; Boyce, Brad; Jared, Bradley Howell; Rodelas, Jeffrey; Laing, John Robert	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238101	Using Machine Learning in Adversarial Environments.	Davis, Warren Leon [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238102	Treatment of Oil & Gas Produced Water.	Dwyer, Brian P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238315	LDRD @ SNL Jan 2016.	Arrowsmith, Marie Danielle [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Camacho, Ryan [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1238316	Digital Image Correlation for Performance Monitoring.	Palavicini, Miguel [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Turner, Daniel Z. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239328	MESA SiFab Pre-Gown Room Summary.	Olewine, Michael	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239338	Inventory Report: Hazardous Waste Management Facility's Location L011.	Wright, Kevin Thomas	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239347	Environmental Baseline Survey for Proposed Land Use Permit Modification for Expansion of the Dynamic Explosive Test Site (DETS) 9940 Main Complex Parking Lot.	Peek, Dennis W.	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1239348	2014 Annual Site Environmental Report Summary Pamphlet for Sandia National Laboratories New Mexico.	Griffith, Stacy Rene	TR	SNL	Sandia National Laboratories (SNL-NM)	2/1/2016
1237407	Evaluation of the Frequencies for Canister Inspections for SCC	Stockman, Christine [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bryan, Charles R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	2/2/2016
1331489	Cubic Gallium Nitride on Micropatterned Si (001) for Longer Wavelength LEDs	Durniak, Mark T. [Rensselaer Polytechnic Inst., Troy, NY (United States). Dept. of Materials Science and Engineering]; Chaudhuri, Anabil [Univ. of California, San Diego (UCSD)]	TR	SNL	Sandia National Laboratories (SNL-NM)	3/1/2016
1248575	Analysis of High Plains Resource Risk and Economic Impacts	Tidwell, Vincent C. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Vargas, Vanessa N [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1248576	Nanophotonics and Optical Nanomaterials	Doorn, Stephen [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016

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1248577	Soft Biological and Composite Nanomaterials	Firestone, Millicent [Los Alamos National Lab. (LANL), Los Alamos, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331490	Scoping Study on Research and Development Priorities for Distribution-System Phasor Measurement Units	Eto, Joseph H. [Lawrence Berkeley National Lab. (LBNL), Berkeley, CA (United States)]; Stewart, Emma M. [Lawrence Berkeley National Lab.	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331491	FY16/Q2 status report on initial dispersion calculations for tight crude oils project	Luketa, Anay [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rudeen, David Keith [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331492	Contingency Contractor Optimization Phase 3 Sustainment Verification and Validation V&V Report - Contingency Contractor Optimization Engineering - Prototype	Bandlow, Alisa [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States). Operations Research and Computational Analysis]; Durfee,	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1331494	Determination of Duty Cycle for Energy Storage Systems in a PV Smoothing Application	Schoenwald, David A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ellison, James [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	4/1/2016
1254272	A Control Variate Method for Probabilistic Performance Assessment. Improved Estimates for Mean Performance Quantities of Interest	MacKinnon, Robert J.; Kuhlman, Kristopher L	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254273	2014 Zero Waste Strategic Plan Executive Summary.	Wrons, Ralph J.	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254274	Future Technology Estimation Survey form for the Robotics Technology Alternatives in the Electric Power Industry. Submersible Mini-Robot.	Mazumdar, Anirban	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254276	Contingency Contractor Optimization Phase 3 Sustainment Third-Party Software List - Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David; Frazier, Christopher Rawls; Bandlow, Alisa	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254278	Constrained Versions of DEDICOM for Use in Unsupervised Part-Of-Speech Tagging	Dunlavy, Daniel; Peter A. Chew	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254279	Laboratory Directed Research and Development at Sandia National Laboratories, March/April 2016	Arrowsmith, Marie Danielle	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254280	Summary of Fe opacity measurement platform	Nagayama, Taisuke	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1254282	Path Network Recovery Using Remote Sensing Data and Geospatial-Temporal Semantic Graphs	McLendon, William C.; Brost, Randolph	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257613	ASC Weekly News Notes	Womble, David E.	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257614	NESHAP Annual Report for CY 2015 Sandia National Laboratories Tonopah Test Range	Evelo, Stacie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257615	Radiological NESHAP Annual Report CY 2015 Sandia National Laboratories New Mexico	Evelo, Stacie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257617	XVis: Visualization for the Extreme-Scale Scientific-Computation Ecosystem. Mid-year report FY16 Q2	Moreland, Kenneth D.; Sewell, Christopher (LANL); Childs, Hank (U of Oregon); Ma, Kwan-Liu (UC Davis); Geveci, Berk (Kitware); Meredith, Jeremy	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257620	Field Trial of the Enhanced Data Authentication System (EDAS)	Thomas, Maikael A.; Baldwin, George T.; Hymel, Ross W	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257623	Assessment Report Sandia National Laboratories Fuel Cycle Technologies Quality Assurance Evaluation of FY15 SNL FCT M2 Milestone Deliverables	Appel, Gordon John [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1259544	lfpack2 User's Guide 1.0	Prokopenko, Andrey [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Siefert, Christopher [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1259554	Operational Excellence through Schedule Optimization and Production Simulation of Application Specific Integrated Circuits.	Flory, John Andrew [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Padilla, Denise D. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1259558	Analysis of PV Advanced Inverter Functions and Setpoints under Time Series Simulation.	Seuss, John [Georgia Inst. of Technology, Atlanta, GA (United States)]; Reno, Matthew J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1256510	Procedure to Determine Coefficients for the Sandia Array Performance Model (SAPM)	King, Bruce Hardison; Hansen, Clifford; Riley, Daniel; Robinson, Charles David; Pratt, Larry	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259546	NMSBA: Sandia Biotech 2016 Report	Ruffing, Anne [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259547	Silicon Damage Response Function Derivation and Verification: Assessment of Impact on ASTM Standard E722	Depriest, Kendall [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259548	IDC Re-Engineering Phase 2 Iteration E2 Use Case Realizations	Harris, James M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Burns, John F. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259560	A Photovoltaic System Payback Calculator	Riley, Daniel M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Fleming, Jeffrey E. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016

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1259563	Contingency Contractor Optimization Phase 3 Sustainment Developer's Guide Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Frazier, Christopher Rawls [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259564	Contingency Contractor Optimization Phase 3 Sustainment Platform Requirements - Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Frazier, Christopher Rawls [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259566	Enabling Technologies for Ultra-Safe and Secure Modular Nuclear Energy	Mendez Cruz, Carmen Margarita [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Rochau, Gary E. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1333700	Final Report: Characterization of Canister Mockup Weld Residual Stresses.	Enos, David; Bryan, Charles R.	TR	SNL	Sandia National Laboratories (SNL-NM)	6/1/2016
1259565	Enhanced Passive Cooling for Waterless-Power Production Technologies	Rodriguez, Salvador B. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	6/14/2016
1330187	Reinvestigation into Closure Predictions of Room D at the Waste Isolation Pilot Plant	Reedlunn, Benjamin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330188	ER Consolidated Qtrly Rpt_April-June 2016_October 2016	Cochran, John R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330189	Advanced WEC Dynamics & Controls FY16 Testing Report	Coe, Ryan Geoffrey [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bacelli, Giorgio [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330191	Radiation Characterization Summary: ACRR Cadmium-Polyethylene (CdPoly) Bucket Located in the Central Cavity on the 32-Inch Pedestal at the Core Centerline	Parma, Edward J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Naranjo, Gerald E. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330192	Specification of Fenix MPI Fault Tolerance library version 1.0.1	Gamble, Marc [Rutgers Univ., New Brunswick, NJ (United States)]; Van Der Wijngaart, Rob [Intel Corps., Mountain View, CA (United States)];	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330196	Modeling Manufacturing Impacts on Aging and Reliability of Polyurethane Foams	Rao, Rekha R.; Roberts, Christine Cardinal; Mondy, Lisa Ann; Soehnel, Melissa Marie; Johnson, Kyle; Lorenzo, Henry T.	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330199	Technical Proposal for Loading 3000 Gallon Crude Oil Samples from Field Terminal to Sandia Pressurized Tanker to Support US DOE/DOT Crude Oil Characterization Research Study	Lord, David; Allen, Raymond	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330204	Ionic Borate-Based Covalent Organic Frameworks: Lightweight Porous Materials for Lithium-Stable Solid State Electrolytes	Black, Hayden T; Harrison, Katharine Lee	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330452	Long-Term Information Management (LTIM) of Safeguards Data at Repositories: Phase II	Haddal, Risa N. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330453	Improved Mechanical Performance Fracture Properties and Reliability of Radical-Cured Thermosets	Redline, Erica Marie [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Bolintineanu, Dan S. [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330607	Measurement of Laser Weld Temperatures for 3D Model Input	Dagel, Daryl [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Grossetete, Grant [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330610	New Capabilities for Hostile Environments on Z Grand Challenge LDRD - Final Status	Cuneo, Michael E. [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Griffin, P. J. [Sandia National Lab. (SNL-CA), Livermore, CA (United	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330612	The State of stress in the Sanford Underground Research Facility (SURF) in Lead South Dakota	Lee, Moo Y. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330613	Instrumentation Cables Test Plan	Muna, Alice Baca [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; LaFleur, Chris Bendsdotter [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330614	Microbial Fuel Cell Possibilities on American Indian Tribal Lands	Cameron, Kimberlynn [South Dakota School of Mines and Technology, Rapid City, SD (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330739	FY17 Milestones.	Harwell, Amber Suzanne	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330927	Social Media as an Informant.	Crawford, Justin	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1330928	Uncertainty Quantification and Comparison of Weld Residual Stress Measurements and Predictions.	Lewis, John R; Brooks, Dusty Marie	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331358	High Performance Computing - Power Application Programming Interface Specification Version 1.4	Laros III, James H. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; DeBonis, David [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331359	Supplemental Environmental Baseline Survey for Proposed Land Use Permit Modification for Expansion of the Dynamic Explosive Test Site (DETS) 9940 Main Complex Parking Lot	Peek, Dennis W. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331363	Review of Tracktable for Satellite Maneuver Detection	Acquesta, Erin C.S. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Valicka, Christopher G. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331426	USGS VDP Infrasound Sensor Evaluation	Slad, George William [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Merchant, Bion J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016

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1331433	Fully-Coupled Thermo-Electrical Modeling and Simulation of Transition Metal Oxide Memristors	Mamaluy, Denis [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Gao, Xujiao [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331434	Applying the World Water and Agriculture Model to Filling Scenarios for the Grand Ethiopian Renaissance Dam	Villa, Daniel L. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Tidwell, Vincent C. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331435	Protection of Renewable-dominated Microgrids: Challenges and Potential Solutions	Elkhatib, Mohamed [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Ellis, Abraham [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331868	ARM/NSA Monthly Report.	Sparks, Valerie [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Hesel, Frederick M. [Sandia National Laboratories (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331869	2015 Summer Design Challenge: Team A&E (2241) Additively Manufactured Discriminator.	Miller, Sarah E. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Moore, Brandon James [Sandia National Laboratories (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331870	VO₂ thin films synthesis for collaborators and various applications.	Johnson, Raegan Lynn [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]; Clem, Paul G. [Sandia National	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1331872	Pre-conceptual design of the Z-LLE accelerator.	Stygar, William A. [Sandia National Laboratories (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333270	Using Muons to Image the Subsurface.	Bonal, Nedra [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Cashion, Avery Ted [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333271	DESALINATION AND WATER TREATMENT RESEARCH AT SANDIA NATIONAL LABORATORIES.	Rigali, Mark J. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Miller, James E. [Sandia National Lab. (SNL-NM), Albuquerque, NM	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333272	Ceramic Seal.	Smarrt, Heidi A. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Romero, Juan A. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333381	User Guidelines and Best Practices for CASL VUQ Analysis Using Dakota.	Adams, Brian M. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Coleman, Kayla [North Carolina State Univ., Raleigh, NC (United	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333382	Shear dominated failure in the 'hat' specimen from the 2013 Sandia Fracture Challenge.	Corona, Edmundo [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333485	Fundamental Scaling of Microplasmas and Tunable UV Light Generation.	Manginell, Ronald P. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Sillerud, Colin Halliday [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333486	Xyce Parallel Electronic Simulator Reference Guide Version 6.6.	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Aadithya, Karthik Venkatraman [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333487	Xyce Parallel Electronic Simulator Users' Guide Version 6.6.	Keiter, Eric R. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Aadithya, Karthik Venkatraman [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333488	Biosecurity through Public Health System Design.	Beyeler, Walter E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Finley, Patrick D. [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333518	IC Post-Doctoral Fellowship Abstract and Bio.	Lacey, Randy [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333519	AE Recorder Characteristics and Development.	Partridge, Michael E. [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Curtis, Shane Keawe [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1333520	A new approach to entangling neutral atoms.	Lee, Jongmin [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Martin, Michael J. [Sandia National Lab. (SNL-NM),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016
1235212	DRSPALL: Impact of the Modification of the Numerical Spallings Model on Waste Isolation Pilot Plant Performance Assessment.	Kicker, Dwayne Curtis [Stoller Newport News Nuclear, Inc., Carlsbad, NM (United States)]; Herrick, Courtney G. [Sandia National Lab. (SNL-	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1236729	Coupling a Supercritical Carbon Dioxide Brayton Cycle to a Helium-Cooled Reactor.	Middleton, Bobby [Sandia National Lab. (SNL-NM), Albuquerque, NM (United States)]; Pasch, James Jay [Sandia National Lab. (SNL-NM), Albuquerque,	TR	SNL	Sandia National Laboratories (SNL-NM)	1/1/2016
1330205	Advanced Computational Methods for Thermal Radiative Heat Transfer	Tencer, John; Carlberg, Kevin Thomas; Larsen, Marvin E.; Hogan, Roy E.,	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1254275	Contingency Contractor Optimization Phase 3 Sustainment Requirements Document Contingency Contractor Optimization Tool - Prototype	Bandlow, Alisa; Durfee, Justin David; Frazier, Christopher Rawls; Jones, Katherine A; Gearhart, Jared Lee	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257618	Contingency Contractor Optimization Phase 3 Sustainment Database Design Document - Contingency Contractor Optimization Tool - Prototype	Frazier, Christopher Rawls; Durfee, Justin David; Bandlow, Alisa; Gearhart, Jared Lee; Jones, Katherine A	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1257619	Contingency Contractor Optimization Phase 3 Sustainment Software Design Document - Contingency Contractor Optimization Tool - Prototype	Durfee, Justin David; Frazier, Christopher Rawls; Bandlow, Alisa; Jones, Katherine A	TR	SNL	Sandia National Laboratories (SNL-NM)	5/1/2016
1330929	Deep Borehole Disposal Safety Analysis.	Freeze, Geoffrey A.; Stein, Emily; Price, Laura L.; MacKinnon, Robert J.; Tillman, Jack Bruce	TR	SNL	Sandia National Laboratories (SNL-NM)	10/1/2016
1331925	Development of Scanning Ultrafast Electron Microscope Capability.	Collins, Kimberlee Chiyoko [Sandia National Lab. (SNL-CA), Livermore, CA (United States)]; Talin, Albert Alec [Sandia National Lab. (SNL-CA),	TR	SNL	Sandia National Laboratories (SNL-NM)	11/1/2016

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1234193	Conceptual Design for CLIC Gun Pulsar	Tang, Tao [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	1/8/2016
1245113	Resolving electrical conductivities from collisionally damped plasmons in isochorically heated warm dense aluminum	Sperling, P. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Fletcher, L. B. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	3/29/2016
1246329	Laboratory Directed Research and Development Program: FY 2015 Annual Report	SLAC,	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	4/4/2016
1248537	Preliminary Conceptual Design Report for the FACET-II Project at SLAC National Accelerator Laboratory	Hogan, Mark [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	4/22/2016
1253960	Scattering of X-Rays	Blume, M. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	5/16/2016
1254739	Cosmological Constraints on Decoupled Dark Photons and Dark Higgs	Berger, Joshua [Univ. of Wisconsin, Madison, WI (United States)]; Jedamzik, Karsten [Univ. Montpellier II (France). Lab. Univers. et Particules]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	5/23/2016
1263398	Implications of the 750 GeV $\tilde{\chi}^0_1$ Resonance as a Case Study for the International Linear Collider	Fujii, Keisuke [High Energy Accelerator Research Organization (KEK), Tsukuba (Japan)]; Grojean, Christophe [Deutsches Elektronen-Synchrotron]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	7/14/2016
1318068	Annual Site Environmental Report: 2015 (ASER) for the SLAC National Accelerator Laboratory	Sabba, Dellilah [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Lab., Menlo Park, CA (United States)	9/1/2016
1238571	Report on Proton and Ion Beam measurements at the Matter in Extreme Condition (MCC) end station at SLAC National Accelerator Laboratory	Gauthier, M.; Goede, S.; Schumaker, W.; Roedel, C.; Galtier, E.; Glenzer, S.H.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	2/16/2016
1242467	COMPASS Accelerator Design Technical Overview	Nanni, Emilio; Dolgashev, Valery; Tantawi, Sami; Neilson, Jeff; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	3/14/2016
1249382	Ultrafast Science Opportunities with Electron Microscopy	DURR, HERMANN; Wang, X.J., ed.;	TR	SLAC	SLAC National Accelerator Laboratory	4/28/2016
1293666	IC at IC: IceCube can constrain the intrinsic charm of the proton	Laha, Ranjan; /KIPAC, Menlo Park /Stanford U., Phys. Dept. /SLAC; Brodsky, Stanley J.; /SLAC;	TR	SLAC	SLAC National Accelerator Laboratory	8/9/2016
1310026	Synthesis of Freestanding Single-crystal Perovskite Films and Heterostructures by Etching of Sacrificial Water-soluble Layers	Lu, Di; Baek, David J.; Hong, Seung Sae; Kourkoutis, Lena F.; Hikita, Yasuyuki; Hwang, Harold Y.;	TR	SLAC	SLAC National Accelerator Laboratory	8/22/2016
1241296	Band gap opening in strongly compressed diamond observed by x-ray energy loss spectroscopy	Gamboa, E. J. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]; Fletcher, L. B. [SLAC National Accelerator Lab., Menlo Park, CA (United States)]	TR	SLAC	SLAC National Accelerator Laboratory	1/25/2016
1322154	Dark Matter Search in a Beam-Dump eXperiment (BDX) at Jefferson Lab	Battaglieri, M. [Univ. of Genova (Italy). National Institute for Nuclear Physics. et al]	TR	FNAL	SLAC National Accelerator Laboratory	7/5/2016
1263536	Construction Guidelines for High R-Value Walls without Exterior Rigid Insulation	Arena, Lois B. [Steven Winter Associates, Inc., Norwalk, CT (United States). Consortium for Advanced Residential Buildings]	TR	NREL	Steven Winter Associates, Inc., Norwalk, CT (United States)	7/13/2016