

2022 VTO AMR Schedule

Questions? Contact Nadya Ally at nadya.ally@ee.doe.gov or 865-247-2711

Copy recurring 2021 presentations to a time or poster slot for 2022 - update the title as appropriate. Merge cells to allow for 30- and 45-minute presentations or panel discussions.

For new presentations, add "NEW" (Terry will create a new project ID), PI, Org, Title plus PI Email, PI Phone, Sub-Program Category, and TDM. Note:

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Tuesday, June 21, 2022					
Tuesday, June 21, 2022	10:00 AM	Plenary presentations to take place Tuesday due to Juneteenth being observed on Monday, June 20. Presentations from Dave Howell, Michael Berube, and additional DOE leadership will occur.			
Tuesday, June 21, 2022	10:15 AM				
Tuesday, June 21, 2022	10:30 AM				
Tuesday, June 21, 2022	10:45 AM				
Tuesday, June 21, 2022	11:00 AM				
Tuesday, June 21, 2022	11:15 AM				
Tuesday, June 21, 2022	11:30 AM				
Tuesday, June 21, 2022	11:45 AM				
Tuesday, June 21, 2022	12:00 PM				
Tuesday, June 21, 2022	12:15 PM				
Time Buffer	12:30 PM				
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Tuesday, June 21, 2022	1:40 PM	ACE922: NEED TITLE			
Tuesday, June 21, 2022	1:55 PM				
Tuesday, June 21, 2022	2:10 PM	ACE169: Greatly Reduced Vehicle Platinum Group Metal (PGM) Content Using Engineered, Highly Dispersed Precious Metal Catalysts, Yong Wang, Washington State University	Yong Wang	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	2:25 PM				
Tuesday, June 21, 2022	2:40 PM	ACE158: Slashing Platinum Group Metal (PGM) in Catalytic Converters: An Atoms-to-Autos Approach, Wei Li, General Motors	Wei Li	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
BREAK	3:15 PM	BREAK			
Tuesday, June 21, 2022	3:45 PM	ACE170: LLCF Effects on Emissions Control Catalyst Performance and Durability, Sreshtha Sinha Majumdar, Oak Ridge National Laboratory	Sreshtha Sin	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	4:00 PM				
Tuesday, June 21, 2022	4:15 PM	ACE023: Controlling N ₂ O and Platinum Group Metal (PGM) Reduction for Low Temperature Oxidation, Yong Wang, Pacific Northwest National Laboratory	Yong Wang	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	4:30 PM				
Tuesday, June 21, 2022	4:45 PM	ACE027: Fundamental Understanding of Copper-Zeolite Selective Catalytic Reduction (SCR) Catalyst Aging Mechanism (Cummins CRADA), Feng Gao, Pacific Northwest National Laboratory	Feng Gao	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	5:00 PM				
Time Buffer	5:15 PM	Time Buffer			
BREAK	5:20 PM	BREAK			
Tuesday, June 21, 2022	5:50 PM	ACE159: Reduced Cost and Complexity for Off Highway Aftertreatment, Ken Rappe, Pacific Northwest National Laboratory	Ken Rappe	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	6:05 PM				
Tuesday, June 21, 2022	6:20 PM	ACE171: Simultaneous Greenhouse Gas and Criteria Pollutants Emissions Reduction for Off-Road Powertrains, James McCarthy, Eaton	James McCa	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	6:35 PM	ACE172: Fast Simulation of Real Driving Emissions from Heavy-duty Diesel Vehicle Integrated with Advanced Aftertreatment System, Hailin Li, West Virginia University	Hailin Li	Advanced Combustion Engines	Siddiq Khan
Tuesday, June 21, 2022	6:50 PM	ACE173: Comprehensive Integrated Simulation Methodology for Enabling Near-Zero Emission Heavy-Duty Vehicles, Andrea Strzelec, University of Wisconsin-Madison	Andrea Strze	Advanced Combustion	Siddiq Khan
Wednesday, June 22, 2022					
Wednesday, June 22, 2022	10:00 AM	ACE152: Development of High-Fidelity and Efficient Modeling Capabilities for Enabling Co-Optimization of Fuels and Multi-Mode Engines Matthias Ihme, Stanford University	Matthias Ihm	Advanced Combustion Engines	Mike Weismiller
Wednesday, June 22, 2022	10:15 AM				
Wednesday, June 22, 2022	10:30 AM	ACE150: Enabling Low-Temperature Plasma (LTP) Ignition Technologies for Multi-Mode Engines through the Development of a Validated High-Fidelity LTP Model for Predictive Simulation Tools, Nick Tsolas, Auburn University	Nick Tsolas	Advanced Combustion Engines	Mike Weismiller
Wednesday, June 22, 2022	10:45 AM				
Wednesday, June 22, 2022	11:00 AM	ACE151: Hierarchically Informed Engineering Models for Predictive Modeling of Turbulent Premixed Flame Propagation in Pre-Chamber Turbulent Jet Ignition Haifeng Wang, Purdue University	Haifeng Wang	Advanced Combustion Engines	Mike Weismiller
Wednesday, June 22, 2022	11:15 AM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	11:30 AM	ACE174: Plasma-Assisted Pre-Chamber Ignition System for Highly Dilute Stoichiometric Heavy-Duty Natural Gas Engines, Will Northrup, University of Minnesota	Will Northrup	Advanced Engines & Fuels	Kevin Stork
Wednesday, June 22, 2022	11:45 AM	ACE175: Co-optimization of fuel physical/chemical properties and combustion system for mixing controlled compression ignition (MCCI) in a medium-duty engine, Flavio Chuahy, Oak	Flavio Chuahy	Advanced Engines & Fuels	Kevin Stork
Wednesday, June 22, 2022	12:00 PM	ACE176: Standards Development & Ignition Studies for 100% Biofuel, Bob McCormick, National Renewable Energy	Bob McCormick	Advanced Engines & Fuels	Kevin Stork
Wednesday, June 22, 2022	12:15 PM	ACE177: Independent Fuel Property Effects of Fuel Volatility on Low Temperature Heat Release and Fuel Autoignition, Sibendu Som & Jim Szybist, Argonne National Laboratory and Oak Ridge National Laboratory	Sibendu Som, Jim Szybist	Advanced Engines & Fuels	Kevin Stork
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:30 PM	LUNCH BREAK			
Wednesday, June 22, 2022	1:40 PM	ACE178: Development Of Advanced Combustion Strategies for Direct Injection Heavy Duty Liquefied Petroleum Gas (LPG) Engines, Dan Olsen, Colorado State University	Dan Olsen	Advanced Engines & Fuels	Kevin Stork
Wednesday, June 22, 2022	1:55 PM				
Wednesday, June 22, 2022	2:10 PM	ACE179: Propane longstroke engine R&D, Derek Splitter, Oak Ridge National Laboratory	Derek Splitter	Advanced Engines & Fuels	Kevin Stork
Wednesday, June 22, 2022	2:25 PM				
Wednesday, June 22, 2022	2:40 PM	ACE180: High Pressure Fast Response Direct Injection System for Liquefied Gas Fuels Use in Light-Duty Engines, William de Ojeda	William de Ojeda	Advanced Engines & Fuels	Kevin Stork
Wednesday, June 22, 2022	2:55 PM	ACE181: High-Efficiency Mixing Controlled Compression Ignition Combustion of Propane Dimethyl Ether (DME) Blends, Sage Kokjohn, University of Wisconsin	Sage Kokjohn	Advanced Engines & Fuels	Kevin Stork
Time Buffer	3:10 PM	Time Buffer			
BREAK	3:15 PM	BREAK			
Wednesday, June 22, 2022	3:45 PM	ACE160: Optimization and Evaluation of Energy Savings for Connected and Autonomous Off-Road Vehicles, Zongxuan Sun, University of Minnesota	Zongxuan Sun	Advanced Combustion Engines	Mike Weismiller
Wednesday, June 22, 2022	4:00 PM				
Wednesday, June 22, 2022	4:15 PM	ACE161: New Approach for Increasing Efficiency of Agricultural Tractors and Implements, Andrea Vacca, Purdue University	Andrea Vacca	Advanced Combustion Engines	Mike Weismiller
Wednesday, June 22, 2022	4:30 PM				
Wednesday, June 22, 2022	4:45 PM	ACE182: Fully Electric Powered, Hydraulic Assisted, Compact Track Loader, Perry Li, University of Minnesota	Perry Li	Advanced Combustion	Mike Weismiller
Wednesday, June 22, 2022	5:00 PM	ACE183: Articulated Dump Truck (ADT) Electrification - Greenhouse Gas Reductions and Commercialization of New Technology, Brij Singh, John Deere	Brij Singh	Advanced Combustion Engines	Mike Weismiller
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	5:50 PM	ACE162: Improved Efficiency of Off-Road Material Handling Equipment through Electrification, Jeremy Worm, Michigan Technological University	Jeremy Worm	Advanced Combustion Engines	Mike Weismiller
Wednesday, June 22, 2022	6:05 PM				
Wednesday, June 22, 2022	6:20 PM	ACE154: Heavy-Duty Hybrid Diesel Engine with Front-End Accessory Drive-Integrated Energy Storage, Chad Koci, Caterpillar	Chad Koci	Advanced Combustion Engines	Mike Weismiller
Wednesday, June 22, 2022	6:35 PM				
Wednesday, June 22, 2022	6:50 PM	ACE184: Development of a Flex-Fuel Mixing Controlled Combustion System for Gasoline/Ethanol Blends Enabled by Prechamber Ignition, Adam Dempsey, Marquette	Adam Dempsey	Advanced Combustion Engines	Mike Weismiller
		Thursday, June 23, 2022			
Thursday, June 23, 2022	10:00 AM	ACE185: High Efficiency, Ultra Low Emissions Heavy-Duty 10 Liter Natural Gas Engine Project, John Pendray, Cummins	John Pendray	Advanced Engines & Fuels	Kevin Stork
Thursday, June 23, 2022	10:15 AM	ACE186: Dynamic Skip Fire (DSF) on a Heavy-Duty Natural Gas Engine, Jay Shah, Cummins	Jay Shah	Advanced Engines & Fuels	Kevin Stork
Thursday, June 23, 2022	10:30 AM				
Thursday, June 23, 2022	10:45 AM	ACE163: Ducted Fuel Injection and Cooled Spray Technologies for Particulate Control in Heavy-Duty Diesel Engines, Adam Klingbel, Wabtec	Adam Klingbel	Advanced Combustion Engines	Mike Weismiller
Thursday, June 23, 2022	11:00 AM				
Thursday, June 23, 2022	11:15 AM	ACE155: Low-Mass and High-Efficiency Engine for Medium-Duty Truck Applications, Qigui Wang, General Motors	Qigui Wang	Advanced Combustion Engines	Mike Weismiller
Thursday, June 23, 2022	11:30 AM				
Thursday, June 23, 2022	11:45 AM	ACE156: Next-Generation, High-Efficiency Boosted Engine Development, Michael Shelby, Ford	Michael Shelby	Advanced Combustion Engines	Mike Weismiller

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Thursday, June 23, 2022	12:00 PM				
TIME BUFFER	12:30 PM				
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Thursday, June 23, 2022	1:40 PM	ACE187: Opposed-Piston Two-Stroke Hybrid Commercial Vehicle System, Fabien Redon, Achates Power	Fabien Redon	Advanced Combustion Engines	Siddiq Khan
Thursday, June 23, 2022	1:55 PM	ACE166: New Two-Cylinder Prototype Demonstration and Concept Design of a Next Generation Class 3-6 Opposed Piston Engine, Fabien Redon, Achates Power	Fabien Redon	Advanced Combustion Engines	Siddiq Khan
Thursday, June 23, 2022	2:10 PM				
Thursday, June 23, 2022	2:25 PM	ACE124: SuperTruck 2 - PACCAR, Maarten Meijer, PACCAR	Maarten Meijer	Advanced Combustion Engines	Siddiq Khan
Thursday, June 23, 2022	2:40 PM				
Thursday, June 23, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Thursday, June 23, 2022	3:45 PM	ACE103: Development and Demonstration of a Fuel-Efficient Class 8 Tractor and Trailer SuperTruck, Russell Zukouski, Navistar	Russell Zukouski	Advanced Combustion Engines	Siddiq Khan
Thursday, June 23, 2022					
Thursday, June 23, 2022	4:15 PM	ACE102: Cummins-Peterbilt SuperTruck 2, Jon Dickson, Cummins-Peterbilt	Jon Dickson	Advanced Combustion Engines	Siddiq Khan
Thursday, June 23, 2022					
Thursday, June 23, 2022	4:45 PM	ACE101: Volvo SuperTruck 2: Pathway to Cost-Effective Commercialized Freight Efficiency, Eric Bond, Volvo Trucks North America	Eric Bond	Advanced Combustion Engines	Siddiq Khan
Thursday, June 23, 2022					
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Thursday, June 23, 2022	5:50 PM	ACE100: Improving Transportation Efficiency through Integrated Vehicle, Engine, and Powertrain Research - SuperTruck 2, Darek Villeneuve, Daimler Trucks North America	Darek Villeneuve	Advanced Combustion Engines	Siddiq Khan

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Thursday, June 23, 2022					
Thursday, June 23, 2022	6:20 PM				
Thursday, June 23, 2022					
Thursday, June 23, 2022	6:50 PM	AMR ends			

Project ID (or "NEW" for new presentations), Title, PI, Organization	PI Name	Subprogram - All Projects	TDM Name - All Projects

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Wednesday, June 23, 2021, POSTERS					
Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects		

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Tuesday, June 21, 2022	10:45 AM				
Tuesday, June 21, 2022	11:00 AM				
Tuesday, June 21, 2022	11:15 AM				
Tuesday, June 21, 2022	11:30 AM				
Tuesday, June 21, 2022	11:45 AM				
Tuesday, June 21, 2022	12:00 PM				
Tuesday, June 21, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Tuesday, June 21, 2022	1:40 PM	BAT922 (Insert over presentation title): While Steven Boyd is doing ELT overview, each TDM will present for ~5 mins/each (1-3 slides) in following order: Tien Duong, Mallory Clites, Peter Faguy, Brian Cunningham. Steven to present the remaining 5-10 mins.			
Tuesday, June 21, 2022	1:55 PM				
Tuesday, June 21, 2022	2:10 PM	BAT317: Progress and Status of Battery500 Program, Jun Liu, Pacific Northwest National Laboratory	Jun Liu	Battery R&D	Duong
Tuesday, June 21, 2022	2:25 PM				
Tuesday, June 21, 2022	2:40 PM	BAT359: Status and Challenges of Electrode and Electrolyte Materials for High Energy Cells, Stanley Whittingham, Binghamton University	Stanley Whittingham	Battery R&D	Duong
Tuesday, June 21, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Tuesday, June 21, 2022	3:45 PM	BAT360: Scale-up, Optimization and Characterization of High- nickel Cathodes, Arumugam Manthiram, University of Texas at Austin	Arumugam Manthiram	Battery R&D	Duong
Tuesday, June 21, 2022	4:00 PM				
Tuesday, June 21, 2022	4:15 PM	BAT361: Understanding and Improving Lithium Anode Stability, Yi Cui, Stanford University / SLAC National Accelerator Laboratory	Yi Cui	Battery R&D	Duong
Tuesday, June 21, 2022	4:30 PM				
Tuesday, June 21, 2022	4:45 PM	BAT362: High Capacity S Cathode Materials, Prashant Kumta, University of Pittsburgh	Prashant Kumta	Battery R&D	Duong
Tuesday, June 21, 2022	5:00 PM				

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Time Buffer	5:15 PM				
BREAK	5:20 PM				
Tuesday, June 21, 2022	5:50 PM	BAT523: Development of Long Life Lithium and sulfurized polyacrylonitrile (SPAN) Cells, Ping Liu, University of California-San Diego	Ping Liu	Battery R&D	Duong
Tuesday, June 21, 2022	6:10 PM	BAT364: Synergistic Effects of Electrode and Electrolyte Materials for High Energy Lithium Cells, Jihui Yang, University of Washington	Jihui Yang	Battery R&D	Duong
Tuesday, June 21, 2022	6:30 PM	BAT365: Stabilizing Lithium Metal Anodes by Interfacial Layer and New Electrolytes, Zhenan Bao, Stanford University / SLAC National Accelerator Laboratory	Zhenan Bao	Battery R&D	Duong
Tuesday, June 21, 2022	6:50 PM				
Tuesday, June 21, 2022					
		Wednesday, June 22, 2022			
Wednesday, June 22, 2022	10:00 AM	BAT366, Manufacturing and Validation of Lithium Pouch Cells, Mei Cai, General Motors	Mei Cai	Battery R&D	Duong
Wednesday, June 22, 2022	10:20 AM	BAT367: Multiscale Characterization Studies of Lithium Metal Batteries, Peter Khalifah, Brookhaven National Laboratory	Peter Khalifah	Battery R&D	Duong
Wednesday, June 22, 2022	10:40 AM	BAT368: Full Cell Diagnostics and Validation to Achieving High Cycle Life, Eric Dufek, Idaho National Laboratory	Eric Dufek	Battery R&D	Duong
Wednesday, June 22, 2022	11:00 AM	BAT369: High Energy Rechargeable Lithium-Metal Cells: Design, Fabrication and Testing, Jie Xiao, Pacific Northwest National Laboratory	Jie Xiao	Battery R&D	Duong
Wednesday, June 22, 2022	11:20 AM	BAT524: Advanced Electrolytes for Lithium Metal Batteries, Chunsheng Wang, University of Maryland	Chunsheng Wang	Battery R&D	Duong
Wednesday, June 22, 2022					
Wednesday, June 22, 2022	11:40 AM	BATXXX: Understanding solid electrolyte interphase (SEI) reactions in Lithium metal and Lithium-Sulfur batteries, Perla Balbuena, Texas A&M University	Perla Balbuena	Battery R&D	Duong
Wednesday, June 22, 2022					
Wednesday, June 22, 2022	12:00 PM				
Wednesday, June 22, 2022					
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:30 PM	LUNCH BREAK			
Wednesday, June 22, 2022	1:40 PM	BAT525: Fluorinated Solvent-Based Electrolytes for Low Temperature Lithium-ion Battery, John Zhang, Argonne National Laboratory	John Zhang (ANL)	Battery R&D	Mallory Clites
Wednesday, June 22, 2022	1:55 PM				
Wednesday, June 22, 2022	2:10 PM	BAT526: Ethylene carbonate-lean electrolytes for low	Bryan McClo	Battery R&D	Mallory Clites

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	2:25 PM	temperature, safe Lithium-ion batteries, Bryan McCloskey, Lawrence Berkeley National Laboratory			
Wednesday, June 22, 2022	2:40 PM	BAT527: Synthesis, screening and characterization of novel low temperature electrolyte for lithium-ion batteries, Yang Xiao-Qing, Brookhaven National Laboratory	Yang, Xiao-Qing (BNL)	Battery R&D	Mallory Clites
Wednesday, June 22, 2022	2:55 PM				
Time Buffer		Time Buffer			
BREAK		BREAK			
Wednesday, June 22, 2022	3:45 PM	BAT402: Improving Battery Performance through Structure-Morphology Optimization, Venkat Srinivasan, Argonne	Venkat Srinivasan	Battery R&D	Peter Faguy
Wednesday, June 22, 2022	4:00 PM				
Wednesday, June 22, 2022	4:15 PM	BAT183: In Situ Spectroscopies of Processing Next-Generation Cathode Materials, Feng Wang, Brookhaven National Laboratory	Feng Wang	Battery R&D	Peter Faguy
Wednesday, June 22, 2022	4:30 PM				
Wednesday, June 22, 2022	4:45 PM	BAT311: Understanding and Mitigating Interfacial Reactivity Between Electrode and Electrolyte, Dusan Strmcnik, Argonne National Laboratory	Venkat Srinivasan (ANL)	Battery R&D	Peter Faguy
Wednesday, June 22, 2022	5:00 PM				
TIME BUFFER		TIME BUFFER			
BREAK		BREAK			
Wednesday, June 22, 2022	5:50 PM	BAT409: Molecular-Level Understanding of Cathode/Electrolyte Interfaces, Mike Toney, SLAC National Accelerator Laboratory	Mike Toney (SLAC, NREL)	Battery R&D	Peter Faguy
Wednesday, June 22, 2022	6:05 PM				
Wednesday, June 22, 2022	6:20 PM	BAT408: Interfacial Studies of Emerging Cathode Materials, Marca Doeff, Lawrence Berkeley National Laboratory	Marca Doeff (LBNL)	Battery R&D	Peter Faguy
Wednesday, June 22, 2022	6:35 PM				
Wednesday, June 22, 2022	6:50 PM	BAT407: Understanding and Modifying Cathode/Electrolyte Interfaces, Jie Xiao, Pacific Northwest National Laboratory	Jie Xiao (PNNL)	Battery R&D	Peter Faguy
Wednesday, June 22, 2022	7:05 PM				
Thursday, June 23, 2022					
Thursday, June 23, 2022	10:00 AM	BAT343: Silicon and Intermetallic Anode Portfolio Strategy Overview, Brian Cunningham, Department of Energy	Brian Cunningham	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	10:15 AM				
Thursday, June 23, 2022	10:30 AM	Bat496: Silicon Consortium Project: Advanced Characterization of Silicon Electrodes, Robert Kostecki, Lawrence Berkeley National Laboratory	Robert Kostecki	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	10:45 AM				
Thursday, June 23, 2022	11:00 AM	BAT497: Silicon Consortium Project: Electrochemistry of Silicon Electrodes, Christopher Johnson, Argonne National Laboratory	Christopher Johnson	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	11:15 AM				
Thursday, June 23, 2022	11:30 AM	BAT498: Silicon Consortium Project: Next-Generation Materials for Silicon Anodes, Nathan Neale, National Renewable Energy Laboratory	Nathan Neale	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	11:45 AM				
Thursday, June 23, 2022	12:00 PM	BAT499: Silicon Consortium Project: Mechanical Properties of	Katherine	Battery R&D	Brian Cunningham

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Thursday, June 23, 2022	12:15 PM	Silicon Anodes, Katherine Harrison	Harrison		
TIME BUFFER	12:30 PM	TIME BUFFER			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Thursday, June 23, 2022	1:40 PM	BAT500: Silicon Consortium Project: Science of Manufacturing for Silicon Anodes, Gabe Veith, Oak Ridge National Laboratory	Gabe Veith	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	1:55 PM				
Thursday, June 23, 2022	2:10 PM	BAT501: Integrated Modeling and Machine Learning of Solid-Electrolyte Interface Reactions of the Silicon Anode, Kristin Persson, Lawrence Berkeley National Laboratory	Kristin Persson	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	2:25 PM				
Thursday, June 23, 2022	2:40 PM	BAT528: INSERT PROJECT TITLE, Murali Ramasubramanian, Enovix	Murali Ramasubra	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Thursday, June 23, 2022	3:45 PM	BAT529: (Have PI supply title), Adam Strong, Group 14 Technologies	Adam Strong	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	4:00 PM				
Thursday, June 23, 2022	4:15 PM	BAT530:(Have PI supply title), John Tannaci, Silanano	John Tannaci	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	4:30 PM				
Thursday, June 23, 2022	4:45 PM	BAT531: Solid Power (Have PI supply title), Pu Zhang, Solid Power Battery	Pu Zhang	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	5:00 PM				
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Thursday, June 23, 2022	5:50 PM	BAT532: (Have PI supply title), Chunsheng Wang, University of Maryland	Chunsheng Wang	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	6:05 PM				
Thursday, June 23, 2022	6:20 PM	BAT533: (Have PI supply title), Amy Marschilok, Stony Brook University	Amy Marschilok	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	6:35 PM				
Thursday, June 23, 2022	6:50 PM	BAT534: (Have PI supply title), Pierre Yao, University of Delaware	Pierre Yao	Battery R&D	Brian Cunningham
Thursday, June 23, 2022	7:20 PM				

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Date	Time	Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects

Wednesday, June 23, 2021, POSTERS						
Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects			

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For new presentations, add "NEW" (Terry will create a new project ID), PI, Org, Title plus PI Email

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Tuesday, June 21, 2022			
Tuesday, June 21, 2022	10:00 AM	Plenary presentations to take place Tuesday on Monday, June 20. Presentations from additional DOE laboratories	
Tuesday, June 21, 2022	10:15 AM		
Tuesday, June 21, 2022	10:30 AM		
Tuesday, June 21, 2022	10:45 AM		
Tuesday, June 21, 2022	11:00 AM		
Tuesday, June 21, 2022	11:15 AM		
Tuesday, June 21, 2022	11:30 AM		
Tuesday, June 21, 2022	11:45 AM		
Tuesday, June 21, 2022	12:00 PM		
Tuesday, June 21, 2022	12:15 PM		
Time Buffer	12:30 PM		Time Buffer
LUNCH BREAK	12:40 PM		LUNCH BREAK
Tuesday, June 21, 2022	1:40 PM		EEMS922: INSERT TITLE
Tuesday, June 21, 2022	1:55 PM		
Tuesday, June 21, 2022	2:10 PM	EEMS093: Transportation System Impact: POLARIS Workflow Development, Implementation and Deployment, Joshua Auld, Argonne National Laboratory	
Tuesday, June 21, 2022	2:25 PM		
Tuesday, June 21, 2022	2:40 PM		
Tuesday, June 21, 2022	2:55 PM		
TIME BUFFER	3:10 PM	TIME BUFFER	
BREAK	3:15 PM	BREAK	
Tuesday, June 21, 2022	3:45 PM	EEMS092: Behavior, Energy, Autonomy, Mobility (BEAM) CORE, Anna Spurlock, Lawrence Berkeley National Laboratory	
Tuesday, June 21, 2022	4:00 PM		
Tuesday, June 21, 2022	4:15 PM		
Tuesday, June 21, 2022	4:30 PM		
Tuesday, June 21, 2022	4:45 PM	EEMS100: Dynamic Curb Allocation, Chase Dowling, Pacific Northwest National Laboratory	
Tuesday, June 21, 2022	5:00 PM		
Time Buffer	5:15 PM	Time Buffer	

BREAK	5:20 PM	BREAK
Tuesday, June 21, 2022	5:50 PM	EEMS097: Micromobility-Integrated Transit and Infrastructure for Efficiency (MITIE), Andrew Duvall, National Renewable Energy Laboratory
Tuesday, June 21, 2022	6:05 PM	
Tuesday, June 21, 2022	6:20 PM	EEMS094: Development and Validation of Intelligent Connected and Automated Vehicle (CAV) Controls for Energy-Efficiency, Dominik Karbowski, Argonne National Laboratory
Tuesday, June 21, 2022	6:35 PM	
Tuesday, June 21, 2022	6:50 PM	EEMS095: Integrated Control of Vehicle Speeds and Traffic Signals for Reducing Congestion and Energy Use, Timothy Laclair, Oak Ridge National Laboratory
Tuesday, June 21, 2022	7:05 PM	
Tuesday, June 21, 2022	7:20 PM	
Wednesday, June 22, 2022		
Wednesday, June 22, 2022	10:00 AM	EEMS096: Characterizing Behaviors and Capabilities for Emerging Connected and Automated Vehicle Technologies, Sensors, and Connectivity, Thomas Wallner, Argonne National
Wednesday, June 22, 2022	10:15 AM	
Wednesday, June 22, 2022	10:30 AM	EEMS098: Optimizing Drone Deployment for More Effective Movement of Goods, Victor Walker, Idaho National Laboratory
Wednesday, June 22, 2022	10:45 AM	
Wednesday, June 22, 2022	11:00 AM	EEMS099: Metrics for Assessing the Impacts of Energy-Efficient Mobility Systems, Venu Garikapati, National Renewable Energy Laboratory
Wednesday, June 22, 2022	11:15 AM	
Wednesday, June 22, 2022	11:30 AM	EEMS101: RealSim: An Anything-in-the-loop Platform for Mobility Technologies, Dean Deter, Oak Ridge National Laboratory
Wednesday, June 22, 2022	11:45 AM	
Wednesday, June 22, 2022	12:00 PM	EEMS089: Energy Efficient Connected and Automated Vehicles (CAVs): Workflow Development and Deployment, Dominik Karbowski, Argonne National Laboratory
Wednesday, June 22, 2022	12:15 PM	
Time Buffer	12:30 PM	Time Buffer
LUNCH BREAK	12:30 PM	LUNCH BREAK
Wednesday, June 22, 2022	1:40 PM	EEMS082: Validation of Connected and Automated Mobility System Modeling and Simulation, Dhiren Verma, American
Wednesday, June 22, 2022	1:55 PM	
Wednesday, June 22, 2022	2:10 PM	EEMS083: CIRCLES: Congestion Impact Reduction via Connected and Automated Vehicle (CAV)-in-the-Loop Lagrangian Energy Smoothing, Alexandre Bayen, University of
Wednesday, June 22, 2022	2:25 PM	
Wednesday, June 22, 2022	2:40 PM	Automated Vehicles (CAVs) with Situational Awareness at Intersections, Sankar Rengarajan, Southwest Research Institute
Wednesday, June 22, 2022	2:55 PM	
Time Buffer	3:10 PM	Time Buffer
BREAK	3:15 PM	BREAK
Wednesday, June 22, 2022	3:45 PM	EEMS107: Improving network-wide fuel economy and enabling traffic signal optimization using infrastructure and vehicle-based

Wednesday, June 22, 2022	4:00 PM	sensing and connectivity, Joshua Bittle, University of Alabama
Wednesday, June 22, 2022	4:15 PM	EEMS106: Developing an Energy-Conscious Traffic Signal Control System for Optimized Fuel Consumption in Connected Vehicle Environments, Mina Sartipi, University of Tennessee, Chattanooga
Wednesday, June 22, 2022	4:30 PM	
Wednesday, June 22, 2022	4:45 PM	EEMS105: Energy Optimization of Light and Heavy Duty Vehicle Cohorts of Mixed Connectivity, Automation and Propulsion System Capabilities via Meshed Vehicle-to-Vehicle (V2V)- Vehicle-to-Infrastructure (V2I) and Expanded Data Sharing, Derrell Robinson, Michigan Technological University
Wednesday, June 22, 2022	5:00 PM	
TIME BUFFER	5:15 PM	TIME BUFFER
BREAK	5:20 PM	BREAK
Wednesday, June 22, 2022	5:50 PM	EEMS111: Contextual Predictions and Eco Services for Electrified Vehicles, Jacopo Guanetti, AV-Connect, Inc.
Wednesday, June 22, 2022	6:05 PM	
Wednesday, June 22, 2022	6:20 PM	EEMS102: AI-Engine for Optimizing Integrated Service in Mixed Fleet Transit Operations, Philip Pugliese, Go Carta
Wednesday, June 22, 2022	6:35 PM	
Wednesday, June 22, 2022	6:50 PM	
Thursday, June 23, 2022		
Thursday, June 23, 2022	10:00 AM	EEMS103: Transit-Centric Smart Mobility System for High-Growth Urban Activity Centers: Improving Energy Efficiency through Machine Learning, Jinhua Zhao, Michigan Institute of Technology
Thursday, June 23, 2022	10:15 AM	
Thursday, June 23, 2022	10:30 AM	EEMS104: Increasing Affordability, Energy Efficiency, and Ridership, Jinhua Zhao, Michigan Institute of Technology
Thursday, June 23, 2022	10:45 AM	
Thursday, June 23, 2022	11:00 AM	EEMS108: Co-Optimization of Vehicles and Routes, Maarten Meijer, PACCAR
Thursday, June 23, 2022	11:15 AM	
Thursday, June 23, 2022	11:30 AM	EEMS109: Connected and Learning Based Optimal Freight Management for Efficiency, Ali Borhan, Cummins
Thursday, June 23, 2022	11:45 AM	
Thursday, June 23, 2022	12:00 PM	
Thursday, June 23, 2022	12:15 PM	EEMS110: Human Factors and Technologies Design to Improve User Acceptance of Pooled Rideshare (PR) for Increasing Transportation System Energy Efficiency, Yunyi Jia, Clemson University
Thursday, June 23, 2022	12:30 PM	
TIME BUFFER	12:30 PM	TIME BUFFER
LUNCH BREAK	12:40 PM	LUNCH BREAK
Thursday, June 23, 2022	1:40 PM	EEMS061: Scaling up the Realtime Data, Simulation and Artificial Intelligence (AI) and Control for Optimizing Regional Mobility, Jiboananda Sanyal, Oak Ridge National Laboratory
Thursday, June 23, 2022	1:55 PM	
Thursday, June 23, 2022	2:10 PM	EEMS037: Big Data Solutions for Mobility, Jane Macfarlane, LBNL

Thursday, June 23, 2022	2:25 PM	
Thursday, June 23, 2022	2:40 PM	EEMS090: Applying Artificial Intelligence (AI) Based Signal Coordination and Controls for Optimized Mobility for the Nimitz Highway, Hong Wang, Oak Ridge National Laboratory
Thursday, June 23, 2022	2:55 PM	
TIME BUFFER	3:10 PM	TIME BUFFER
BREAK	3:15 PM	BREAK
Thursday, June 23, 2022	3:45 PM	EEMS013: Argonne National Laboratory Core Tools-Simulation, Phil Sharer, Argonne National Laboratory
Thursday, June 23, 2022	4:00 PM	
Thursday, June 23, 2022	4:15 PM	EEMS041: ANL Everything-in-the-loop (XIL) Capabilities, Kevin Stutenberg, Argonne National Laboratory
Thursday, June 23, 2022	4:30 PM	
Thursday, June 23, 2022	4:45 PM	EEMS067: Virtual and Physical Proving Ground (VPPG) for Development and Validation of Future Mobility Technologies, Dean Deter, Oak Ridge National Laboratory
Thursday, June 23, 2022	5:00 PM	
TIME BUFFER	5:15 PM	TIME BUFFER
BREAK	5:20 PM	BREAK
Thursday, June 23, 2022	5:50 PM	EEMS112: National Renewable Energy Laboratory Core Modeling & Decision Support Capabilities: Route Energy Prediction Model (RouteE), Future Automotive Systems Technology Simulator (FASTSim), OpenPATH, and Transportation Technology Total Cost of Ownership (T3CO)
Thursday, June 23, 2022	6:05 PM	
Thursday, June 23, 2022	6:20 PM	EEMS066: Livewire Data Platform-A Solution for Energy Efficient Mobility Systems (EEMS) Data Sharing, Lauren Spath-Luhning, National Renewable Energy Laboratory
Thursday, June 23, 2022	6:35 PM	
Thursday, June 23, 2022	6:50 PM	AMR ends

Project ID (or "NEW" for new presentations), Title, PI, Organization

Wednesday, June
Project ID (or "NEW" for new presentations), Title, PI, Organization

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or 865-247-2711

appropriate. Merge cells to allow for 30- and 45-minute

mail, PI Phone, Sub-Program Category, and TDM. Note:

Pi Name	Subprogram - All Projects	TDM Name - All Projects

uesday due to Juneteenth being observed
from Dave Howell, Michael Berube, and
leadership will occur.

Joshua Auld	Energy-Efficient Mo	Erin Boyd
Anna Spurlock	Energy-Efficient Mo	Prasad Gupte
Chase Dowling	Energy-Efficient Mo	Prasad Gupte

Andrew Duva	Energy Efficient Mo	Heather Croteau
Dominik Karb	Energy Efficient Mo	Heather Croteau
Timothy Lack	Energy Efficient Mo	Heather Croteau
Thomas Wall	Energy Efficient Mo	Heather Croteau
Victor Walke	Energy Efficient Mo	Heather Croteau
Venu Garika	Energy Efficient Mo	Heather Croteau
Dean Deter	Energy-Efficient Mobility Systems	Erin Boyd
Dominik Karbowski	Energy-Efficient Mo	Erin Boyd
Dhiren Verma	Energy-Efficient Mobility Systems	Erin Boyd
Alexandre Ba	Energy Efficient Mo	Heather Croteau
Sankar Reng	Energy Efficient Mo	Heather Croteau
Joshua Bittle	Energy-Efficient Mobility Systems	Erin Boyd

Mina Sartipi	Energy-Efficient Mobility Systems	Erin Boyd
Darrell Robin	Energy-Efficient Mo	Erin Boyd
Jacopo Guar	Energy-Efficient Mo	Prasad Gupte
Philip Puglies	Energy Efficient Mo	Heather Croteau
Jinhua Zhao	Energy Efficient Mo	Heather Croteau
Ziqi Song	Energy Efficient Mo	Heather Croteau
Maarten Meij	Energy-Efficient Mo	Prasad Gupte
Ali Borhan	Energy-Efficient Mo	Prasad Gupte
Yunyi Jia	Energy-Efficient Mo	Prasad Gupte
Jiboananda S	Energy-Efficient Mo	Prasad Gupte
Jane Macfarl	Energy-Efficient Mo	Prasad Gupte

Hong Wang	Energy-Efficient Mo	Prasad Gupte
Phil Sharer	Energy-Efficient Mobility Systems	Prasad Gupte
Kevin Stutenberg	Energy-Efficient Mo	Erin Boyd
Dean Deter	Energy-Efficient Mobility Systems	Erin Boyd
Justin Lustbader	Energy-Efficient Mo	Prasad Gupte
Lauren Spath-Luhning	Energy-Efficient Mobility Systems	Erin Boyd

PI Name	Subprogram - All Projects	TDM Name - All Projects

23, 2021, POSTERS		
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PI Name	Subprogram - All Projects	TDM Name - All Projects

2022 VTO AMR Schedule

Questions? Contact Nadya Ally at nadya.ally@ee.doe.gov or 865-247-2711

Copy recurring 2021 presentations to a time or poster slot for 2022 - update the title as appropriate. Merge cells to allow for 30- and 45-minute presentations or panel discussions.

For new presentations, add "NEW" (Terry will create a new project ID), PI, Org, Title plus PI Email, PI Phone, Sub-Program Category, and TDM. Note: Project IDs do not change from year to year.

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
		Tuesday, June 21, 2022			
Tuesday, June 21, 2022	10:00 AM	Plenary presentations to take place Tuesday due to Juneteenth being observed on Monday, June 20. Presentations from Dave Howell, Michael Berube, and additional DOE leadership will occur.			
Tuesday, June 21, 2022	10:15 AM				
Tuesday, June 21, 2022	10:30 AM				
Tuesday, June 21, 2022	10:45 AM				
Tuesday, June 21, 2022	11:00 AM				
Tuesday, June 21, 2022	11:15 AM				
Tuesday, June 21, 2022	11:30 AM				
Tuesday, June 21, 2022	11:45 AM				
Tuesday, June 21, 2022	12:00 PM				
Tuesday, June 21, 2022	12:15 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Tuesday, June 21, 2022	1:40 PM	ELT922: INSERT OVERVIEW TITLE (Steven Boyd: 1:40 - 1:50pm; Susan Rogers: 1:50 - 2:00pm; Lee Slezak: 2:00 - 2:10pm)			
Tuesday, June 21, 2022	1:55 PM				
Tuesday, June 21, 2022	2:10 PM	ELT208: Highly Integrated Power Module, Emre Gurpinar, Oak Ridge National Laboratory	Emre Gurpinar	Power Electronics	Susan Rogers
Tuesday, June 21, 2022	2:25 PM				
Tuesday, June 21, 2022	2:40 PM	ELT209: High-Voltage, High-Power Density Traction-Drive Inverter, Gui-Jia Su, Oak Ridge National Laboratory	Gui-Jia Su	Power Electronics	Susan Rogers
Tuesday, June 21, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Tuesday, June 21, 2022	3:45 PM	ELT210, Development of Next-Generation Vertical Gallium-Nitride Devices for High-Power Density Electric Drivetrain, Andrew Binder, Sandia National Laboratory	Andrew Binder	Power Electronics	Susan Rogers
Tuesday, June 21, 2022	4:00 PM				
Tuesday, June 21, 2022	4:15 PM	ELT218: Advanced Power Electronics Designs-Reliability and Prognostics, Doug DeVoto, National Renewable Energy Laboratory	Doug DeVoto	Power Electronics	Susan Rogers
Tuesday, June 21, 2022	4:30 PM				
Tuesday, June 21, 2022	4:45 PM	ELT215: Permanent Magnets Without Critical Rare Earths to Enable Electric Drive Motors with Exceptional Power Density, Iver Anderson, Ames Laboratory	Iver Anderson	Power Electronics	Susan Rogers

Date	Time	Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Tuesday, June 21, 2022	5:00 PM	Iyer, Ames Laboratory			
Time Buffer	5:15 PM	Time Buffer			
BREAK	5:20 PM	BREAK			
Tuesday, June 21, 2022	5:50 PM	ELT216: Isotropic, Bottom-Up Soft Magnetic Composites for Rotating Machines, Todd Monson, Sandia National Laboratory	Todd Monson	Power Electronics	Susan Rogers
Tuesday, June 21, 2022	6:05 PM				
Tuesday, June 21, 2022	6:20 PM	ELT221: Integrated Electric Drive System, Shajjad Chowdhury, Oak Ridge National Laboratory	Shajjad Chowdhury	Power Electronics	Susan Rogers
Tuesday, June 21, 2022	6:35 PM				
Tuesday, June 21, 2022	6:50 PM	ELT217: Integrated/Traction Drive Thermal Management, Bidzina Kekelia, National Renewable Energy Laboratory	Bidzina Keke	Power Electronics	Susan Rogers
Tuesday, June 21, 2022	7:05 PM				
Tuesday, June 21, 2022	7:20 PM				
		Wednesday, June 22, 2022			
Wednesday, June 22, 2022	10:00 AM	ELT252: Wound-Field Synchronous Machine-System Integration toward Increased Power Density and Commercialization, Lakshmi Iyer, Magma Services of America, Inc.	Lakshmi Iyer	Power Electronics	Susan Rogers
Wednesday, June 22, 2022	10:15 AM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	10:30 AM	ELT254: Ultra-High Speed, High-Temperature Motor, Faraz Arastu, University of Illinois at Urbana-Champaign	Joseph Lydin	Power Electronics	Susan Rogers
Wednesday, June 22, 2022	10:45 AM				
Wednesday, June 22, 2022	11:00 AM	ELT256: Amorphous Metal Ribbons and Metal Amorphous Nanocomposite Materials Enabled High-Power Density Vehicle Motor Applications Mike McHenry, Carnegie Mellon University	Mike McHenry	Power Electronics	Susan Rogers
Wednesday, June 22, 2022	11:15 AM				
Wednesday, June 22, 2022	11:30 AM	ELT253: Motor with Advanced Concepts for High-Power Density and Integrated Cooling for Efficiency Machine, Jagadeesh Tangudu, United Technologies Research Center	Jagadeesh Tangudu	Power Electronics	Susan Rogers
Wednesday, June 22, 2022	11:45 AM				
Wednesday, June 22, 2022	12:00 PM	ELT255: Cost-Effective, Rare-Earth-Free, Flux-Doubling, Torque-Doubling, Increased Power Density Traction Motor with Near-Zero Open-Circuit Back-Electromagnetic Field and No-Cogging Torque, Soma Essakiappan, University of North Carolina at Charlotte	Soma Essakiappan	Power Electronics	Susan Rogers
Wednesday, June 22, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:30 PM	LUNCH BREAK			
Wednesday, June 22, 2022	1:40 PM	ELT263: Low-Cost Rare-Earth-Free Electric Drivetrain Enabled by Novel Permanent Magnets, Inverter, Integrated Design and Advanced Thermal Management, Prof. Ayman El-Refai	Prof. Ayman El-Refai	Power Electronics	Steven Boyd

Date	Time	Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	1:55 PM	Advanced Thermal Management, Prof. Ayman El-Kerale, Marquette			
Wednesday, June 22, 2022	2:10 PM	ELT179: Low Cost, High-Performance, Heavy Rare-Earth-Free 3-In-1 Electric Drive Unit, David Crecelius, American Axle & Manufacturing	David Crecelius	Power Electronics	Steven Boyd
Wednesday, June 22, 2022	2:25 PM				
Wednesday, June 22, 2022	2:40 PM	ELT158: Zero-Emission Cargo Transport II: San Pedro Bay Ports Hybrid & Fuel-Cell Electric Vehicle Project, Seungbum Ha, South Coast Air Quality Management District (SCAQMD)	Seungbum Ha	Grid and Infrastructure	Lee Slezak
Wednesday, June 22, 2022	2:55 PM				
Time Buffer	3:10 PM	Time Buffer			
BREAK	3:15 PM	BREAK			
Wednesday, June 22, 2022	3:45 PM	ELT188: Bi-Directional Wireless Power Flow for Medium-Duty, Vehicle-to-Grid Connectivity, Omer Onar, Oak Ridge National Laboratory	Omer Onar	Grid and Infrastructure	Lee Slezak
Wednesday, June 22, 2022	4:00 PM				
Wednesday, June 22, 2022	4:15 PM	ELT258: Grid-Enhanced, Mobility-Integrated Network Infrastructures for Extreme Fast Charging (GEMINI-XFC), Andrew Meintz, National Renewable Energy Laboratory	Andrew Meintz	Grid and Infrastructure	Lee Slezak
Wednesday, June 22, 2022	4:30 PM				
Wednesday, June 22, 2022	4:45 PM	ELT266: Next Generation Profiles: High Power Charging Characterization, Dan Dobrzynski, Argonne National Laboratory	Dan Dobrzynski	Grid and Infrastructure	Lee Slezak
Wednesday, June 22, 2022	5:00 PM				
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Wednesday, June 22, 2022	5:50 PM	ELT277: Electric Vehicle Integrated Safety, Intelligence,	Madhu	Grid and	Lee Slezak

Date	Time	Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	6:05 PM	OperatioNs (eVision), Madhu Chinthavali, Oak Ridge National Laboratory	Chinthavali	Infrastructure	
Wednesday, June 22, 2022	6:20 PM	ELT278: Electric Vehicles (EVs) at Scale Laboratory Consortium, Andrew Meintz, National Renewable Energy Laboratory	Andrew Meintz	Grid and Infrastructure	Lee Slezak
Wednesday, June 22, 2022	6:35 PM				
Wednesday, June 22, 2022	6:50 PM				
Wednesday, June 22, 2022	7:05 PM				
		Thursday, June 23, 2022			
Thursday, June 23, 2022	10:00 AM	ELT262: Long-Range, Heavy-Duty Battery-Electric Vehicle with Megawatt Wireless Charging Stan DeLizo, Kenworth	Stan DeLizo	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	10:15 AM				
Thursday, June 23, 2022	10:30 AM	ELT259: Development and Commercialization of Heavy-Duty Battery Electric Trucks Under Diverse Climate Conditions, Marcus Malinosky, Daimler Trucks North America	Marcus Malinosky	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	10:45 AM				
Thursday, June 23, 2022	11:00 AM	ELT260: Improving the Freight Productivity of a Heavy-Duty, Battery Electric Truck by Intelligent Energy Management, Teresa Taylor, Volvo	Teresa Taylor	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	11:15 AM				
Thursday, June 23, 2022	11:30 AM	ELT261: High-Efficiency Powertrain for Heavy-Duty Trucks using Silicon Carbide Inverter, Steve Peelman, Ricardo	Steve Peelman	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	11:45 AM				
Thursday, June 23, 2022	12:00 PM	ELT240: Wireless Extreme Fast Charging for Electric Trucks (WXFC-Trucks), Mike Masquelier, WAVE	Mike Masquelier	Grid and Infrastructure	Lee Slezak

Date	Time	Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Thursday, June 23, 2022	12:15 PM				
TIME BUFFER	12:30 PM	TIME BUFFER			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Thursday, June 23, 2022	1:40 PM	ELT239: High-Power Inductive Charging System Development and Integration for Mobility, Omer Onar, Oak Ridge National Laboratory	Omer Onar	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	1:55 PM				
Thursday, June 23, 2022	2:10 PM	ELT197: High Power and Dynamic Wireless Charging of Electric Vehicles, Veda Galigekere, Oak Ridge National Laboratory	Veda Galigekere	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	2:25 PM				
Thursday, June 23, 2022	2:40 PM	ELT274: eMosaic: Electrification Mosaic Platform for Grid-Informed Smart Charging Management, David Coats, ABB	David Coats	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Thursday, June 23, 2022	3:45 PM	ELT264: Demonstration of Utility Managed Smart Charging For Multiple Benefit Streams, Joe Picarelli, Exelon/Pepco Holdings Inc.	Joe Picarelli	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	4:00 PM				
Thursday, June 23, 2022	4:15 PM	ELT265: A Secure and Resilient Interoperable Smart Charging Management (SCM) Control System Architecture for Electric Vehicle's-At-Scale, Duncan Woodbury, Dream Team LLC	Duncan Woodbury	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	4:30 PM				
Thursday, June 23, 2022	4:45 PM	ELT236: Direct-Current Conversion Equipment Connected to the Medium-Voltage Grid for Extreme Fast Charging Utilizing Modular and Interoperable Architecture, Watson Collins, EPRI	Watson Collins	Grid and Infrastructure	Lee Slezak
Thursday, June 23, 2022	5:00 PM				

Date	Time	Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Thursday, June 23, 2022	5:50 PM	ELT241: High-Efficiency, medium-voltage input, Solid-State, Transformer-Based 400-kilowatt (kW)/1000-V/400-A Extreme Fast Charger for Electric Vehicles, Charles Zhu, Delta Electronics	Charles Zhu	Grid and Infrastruct	Lee Slezak
Thursday, June 23, 2022	6:05 PM				
Thursday, June 23, 2022	6:20 PM	ELT238: Intelligent, Grid-Friendly, Modular Extreme Fast Charging System with Solid-State Direct-Current Protection, Srdjan Lukic, North Carolina State University	Srdjan Lukic	Grid and Infrastructure	Steven Boyd
Thursday, June 23, 2022	6:35 PM				
Thursday, June 23, 2022	6:50 PM	AMR ends			

Project ID (or " NEW " for new presentations), Title, PI, Organization	PI Name	Subprogram - All Projects	TDM Name - All Projects

Date	Time	Project ID (or " NEW " for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
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Wednesday, June 23, 2021, POSTERS			
Project ID (or " NEW " for new presentations), Title, PI, Organization	PI Name	Subprogram - All Projects	TDM Name - All Projects

2022 VTO AMR Schedule

Questions? Contact Nadya Ally at nadya.ally@ee.doe.gov or 865-247-2711

Copy recurring 2021 presentations to a time or poster slot for 2022 - update the title as appropriate. Merge cells to allow for 30- and 45-minute presentations or panel discussions.

For new presentations, add "NEW" (Terry will create a new project ID), PI, Org, Title plus PI Email, PI Phone, Sub-Program Category, and TDM. Note: Project IDs do not change from year to year.

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Technology Area	TDM
Tuesday, June 21, 2022					
Tuesday, June 21, 2022	10:00 AM	Plenary presentations to take place Tuesday due to Juneteenth being observed on Monday, June 20. Presentations from Dave Howell, Michael Berube, and additional DOE leadership will occur.			
Tuesday, June 21, 2022	10:15 AM				
Tuesday, June 21, 2022	10:30 AM				
Tuesday, June 21, 2022	10:45 AM				
Tuesday, June 21, 2022	11:00 AM				
Tuesday, June 21, 2022	11:15 AM				
Tuesday, June 21, 2022	11:30 AM				
Tuesday, June 21, 2022	11:45 AM				
Tuesday, June 21, 2022	12:00 PM				
Tuesday, June 21, 2022	12:15 PM				
Time Buffer	12:30 PM				
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Tuesday, June 21, 2022	1:40 PM	<b style="color: red;">MAT922: INSERT OVERVIEW TITLE			
Tuesday, June 21, 2022	1:55 PM				
Tuesday, June 21, 2022	2:10 PM	MAT146: Ultra-Lightweight, Ductile Carbon-Fiber Reinforced Composites, Vlastimil Kunc, Oak Ridge National Laboratory	Vlastimil Kunc	Carbon Fiber & Polymer Composites	Felix Wu
Tuesday, June 21, 2022	2:25 PM				
Tuesday, June 21, 2022	2:40 PM	MAT174: Carbon-Fiber Technology Facility (CFTF), Merlin Theodore, Oak Ridge National Laboratory	Merlin Theodore	Carbon Fiber & Polymer Composites	Felix Wu
Tuesday, June 21, 2022	2:55 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Technology Area	TDM
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Tuesday, June 21, 2022	3:45 PM	MAT195: Industrialization of Carbon Fiber Composite Wheels for Automobiles and Trucks, Brian Knouff, Oak Ridge National Laboratory	Brian Knouff	Carbon Fiber & Polymer Composites	Felix Wu
Tuesday, June 21, 2022	4:00 PM				
Tuesday, June 21, 2022	4:15 PM	MAT196: High Temperature Carbon Fiber Carbonization via Electromagnetic Power, Felix Paulauskas, Oak Ridge National Laboratory	Felix Paulauskas	Carbon Fiber & Polymer Composites	Felix Wu
Tuesday, June 21, 2022	4:30 PM				
Tuesday, June 21, 2022	4:45 PM	MAT118: Functionally Designed Ultra-Lightweight Carbon-Fiber Reinforced Thermoplastic Composites Door Assembly, Srikanth Pilla, Clemson University	Srikanth Pilla	Carbon Fiber & Polymer Composites	Felix Wu
Tuesday, June 21, 2022	5:00 PM				
Time Buffer	5:15 PM	Time Buffer			
BREAK	5:20 PM	BREAK			
Tuesday, June 21, 2022	5:50 PM	MAT197: Multi-Functional Smart Structures for Smart Vehicles, Patrick Blanchard, Ford Motor Company	Patrick Blanchard	Carbon Fiber & Polymer Composites	Felix Wu
Tuesday, June 21, 2022	6:05 PM				
Tuesday, June 21, 2022	6:20 PM	MAT198: Development of Tailored Fiber Placement, Multi-Functional, High-Performance Composite Material Systems for High Volume Manufacture of Structural Battery Enclosure, Venkat Aitharaju, General Motors Company	Venkat Aitharaju	Lightweight Materials	Felix Wu
Tuesday, June 21, 2022	6:35 PM				
Tuesday, June 21, 2022	6:50 PM	MAT199: Ultra-Lightweight Thermoplastic Polymer/Polymer Fiber Composites for Vehicles (Inter-Lab Project), Kevin Simmons, Pacific Northwest National Laboratory	Kevin Simmons	Carbon Fiber & Polymer Composites	Felix Wu
Tuesday, June 21, 2022	7:20 PM				
		Wednesday, June 22, 2022			
Wednesday, June 22, 2022	10:00 AM	MAT200: Additive Manufacturing for Property Optimization for Automotive Applications, Seokpum Kim, Oak Ridge National Laboratory	Seokpum Kim	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	10:15 AM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Technology Area	TDM
Wednesday, June 22, 2022	10:30 AM	MAT201: Additively Manufactured, Lightweight, Low-Cost Composite Vessels for Compressed Natural Gas Fuel Storage, James Lewicki, Lawrence Livermore National Laboratory	James Lewicki	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	10:45 AM				
Wednesday, June 22, 2022	11:00 AM	MAT202: 3D Printed Hybrid Composite Materials with Sensing Capability for Advanced Vehicles, Rigoberto Advincula, Oak Ridge National Laboratory	Rigoberto Advincula	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	11:15 AM				
Wednesday, June 22, 2022	11:30 AM	MAT203: Low-Cost, High-Throughput Carbon Fiber with Large Diameter, Felix Paulauskas, Oak Ridge National Laboratory	Felix Paulauskas	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	11:45 AM				
Wednesday, June 22, 2022	12:00 PM	MAT204: New Frontier in Polymer Matrix Composites via Tailored Vitrimer Chemistry, Tomonori Saito, Oak Ridge National Laboratory	Tomonori Saito	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:30 PM	LUNCH BREAK			
Wednesday, June 22, 2022	1:40 PM	MAT205: Adopting Heavy-Tow Carbon Fiber for Repairable, Stamp-Formed Composites, Amit Naskar, Oak Ridge National Laboratory	Amit Naskar	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	1:55 PM				
Wednesday, June 22, 2022	2:10 PM	MAT206: Soft Smart Tools Using Additive Manufacturing, Jay Gaillard, Savannah River National Laboratory	Jay Gaillard	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	2:25 PM				
Wednesday, June 22, 2022	2:40 PM	MAT207: Multi-Material, Functional Composites with Hierarchical Structures, Christopher Bowland, Oak Ridge National Laboratory	Christopher Bowland	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	2:55 PM				
Time Buffer	3:10 PM	Time Buffer			
BREAK	3:15 PM	BREAK			
Wednesday, June 22, 2022	3:45 PM	MAT208: Efficient Synthesis of Kevlar and Other Fibers from Polyethylene Terephthalate (PET) Waste, Lelia Cosimbescu, Pacific Northwest National Laboratory	Lelia Cosimbescu	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	4:00 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Technology Area	TDM
Wednesday, June 22, 2022	4:15 PM	MAT209: Bio-based, Inherently Recyclable Epoxy Resins to Enable Facile Carbon-Fiber Reinforced Composites Recycling, Nicholas Rorrer, National Renewable Energy Laboratory	Nicholas Rorrer	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	4:30 PM				
Wednesday, June 22, 2022	4:45 PM	MAT210: A Novel Manufacturing Process of Lightweight Automotive Seats - Integration of Additive Manufacturing and Reinforced Polymer Composite, Patrick Blanchard, Ford Motor Company	Patrick Blanchard	Carbon Fiber & Polymer Composites	Felix Wu
Wednesday, June 22, 2022	5:00 PM				
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Wednesday, June 22, 2022	5:50 PM				
Wednesday, June 22, 2022	6:05 PM				
Wednesday, June 22, 2022	6:20 PM				
Wednesday, June 22, 2022	6:35 PM				
Wednesday, June 22, 2022	6:50 PM				
		Thursday, June 23, 2022			
Thursday, June 23, 2022	10:00 AM				
Thursday, June 23, 2022	10:15 AM				
Thursday, June 23, 2022	10:30 AM				
Thursday, June 23, 2022	10:45 AM				
Thursday, June 23, 2022	11:00 AM				
Thursday, June 23, 2022	11:15 AM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Technology Area	TDM	
Thursday, June 23, 2022	11:30 AM					
Thursday, June 23, 2022	11:45 AM					
Thursday, June 23, 2022	12:00 PM					
Thursday, June 23, 2022	12:15 PM					
TIME BUFFER	12:30 PM	TIME BUFFER				
LUNCH BREAK	12:40 PM	LUNCH BREAK				
Thursday, June 23, 2022	1:40 PM					
Thursday, June 23, 2022	1:55 PM					
Thursday, June 23, 2022	2:10 PM					
Thursday, June 23, 2022	2:25 PM					
Thursday, June 23, 2022	2:40 PM					
Thursday, June 23, 2022	2:55 PM					
TIME BUFFER	3:10 PM	TIME BUFFER				
BREAK	3:15 PM	BREAK				
Thursday, June 23, 2022	3:45 PM					
Thursday, June 23, 2022	4:00 PM					
Thursday, June 23, 2022	4:15 PM					
Thursday, June 23, 2022	4:30 PM					
Thursday, June 23, 2022	4:45 PM					
Thursday, June 23, 2022	5:00 PM					

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Technology Area	TDM
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Thursday, June 23, 2022	5:50 PM				
Thursday, June 23, 2022	6:05 PM				
Thursday, June 23, 2022	6:20 PM				
Thursday, June 23, 2022	6:35 PM				
Thursday, June 23, 2022	6:50 PM	AMR ends			

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Technology Area	TDM	
		Wednesday, June 23, 2021, POSTERS				
		Project ID (or "NEW" for new presentations), Title, PI, Organization	PI Name	Subprogram - All Projects	TDM Name - All Projects	

2022 VTO AMR Schedule

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Copy recurring 2021 presentations to a time or poster slot for 2022 - update the title as appropriate. Merge cells to allow for 30- and 45-minute presentations or panel discussions.

For new presentations, add "NEW" (Terry will create a new project ID), PI, Org, Title plus PI Email, PI Phone, Sub-Program Category, and TDM. Note: Project IDs do not change from year to year.

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Tuesday, June 21, 2022					
Tuesday, June 21, 2022	10:00 AM	Plenary presentations to take place Tuesday due to Juneteenth being observed on Monday, June 20. Presentations from Dave Howell, Michael Berube, and additional DOE leadership will occur.			
Tuesday, June 21, 2022	10:15 AM				
Tuesday, June 21, 2022	10:30 AM				
Tuesday, June 21, 2022	10:45 AM				
Tuesday, June 21, 2022	11:00 AM				
Tuesday, June 21, 2022	11:15 AM				
Tuesday, June 21, 2022	11:30 AM				
Tuesday, June 21, 2022	11:45 AM				
Tuesday, June 21, 2022	12:00 PM				
Tuesday, June 21, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Tuesday, June 21, 2022	1:40 PM	MAT922: INSERT TITLE			
Tuesday, June 21, 2022	1:55 PM				
Tuesday, June 21, 2022	2:10 PM	MAT159 - Cost Effective Lightweight Alloys for Electric Vehicle Propulsion: Fundamental Fatigue and Creep in Advanced Lightweight Alloys, Amit Shyam, Oak Ridge National Laboratory	Amit Shyam	Propulsion Material	Jerry Gibbs
Tuesday, June 21, 2022	2:25 PM				
Tuesday, June 21, 2022	2:40 PM	MAT160: Cost Effective Lightweight Alloys for Electric Vehicle Propulsion: Hybrid Dispersion Strengthened AL Matrix Composites for Higher Efficiency Electric Vehicle (EV) Powertrains, Mert Efe, Pacific Northwest National Laboratory	Mert Efe	Propulsion Material	Jerry Gibbs
Tuesday, June 21, 2022	2:55 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Tuesday, June 21, 2022	3:45 PM	MAT163: Multiscale Modeling of Corrosion and Oxidation Performance and Their Impact on High-Temperature Fatigue of Automotive Exhaust Manifold Components, Mei Li, Ford Motor Company	Mei Li	Propulsion Material	Jerry Gibbs
Tuesday, June 21, 2022	4:00 PM				
Tuesday, June 21, 2022	4:15 PM	MAT164: Multiscale Development and Validation of the Stainless Steel Alloy Corrosion (SStAC) Tool for High-Temperature Engine Materials, Michael Tonks, University of Florida	Michael Tonks	Propulsion Material	Jerry Gibbs
Tuesday, June 21, 2022	4:30 PM				
Tuesday, June 21, 2022	4:45 PM	MAT221: Lightweight and Highly-Efficient Engines Through Al and Si Alloying of Martensitic Materials, Dean Pierce, Oak Ridge National Laboratory	Dean Pierce	Propulsion Material	Jerry Gibbs
Tuesday, June 21, 2022	5:00 PM				
Time Buffer	5:15 PM	Time Buffer			
BREAK	5:20 PM	BREAK			
Tuesday, June 21, 2022	5:50 PM	MAT236: Advanced Characterization and Computational Methods, Thomas Watkins, Oak Ridge National Laboratory	Thomas Watkins	Propulsion Material	Jerry Gibbs
Tuesday, June 21, 2022	6:05 PM				
Tuesday, June 21, 2022	6:20 PM				
Tuesday, June 21, 2022	6:35 PM	MAT237: Materials, Lubricants, and Cooling for Heavy Duty Electric Vehicles, Jun Qu, Oak Ridge National Laboratory	Jun Qu	Propulsion Material	Jerry Gibbs
Tuesday, June 21, 2022	6:50 PM				
Tuesday, June 21, 2022	7:05 PM				
		Wednesday, June 22, 2022			
Wednesday, June 22, 2022	10:00 AM	MAT238: Advanced Processing and Additive Manufacturing for Electric Vehicle (EV) Propulsion: Ultra Conductor Development	Keerti Kappagantula	Propulsion Materials	Jerry Gibbs

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	10:15 AM	For Enhanced EV performance, Keertni Kappagantula, Pacific Northwest National Laboratory			
Wednesday, June 22, 2022	10:30 AM	MAT239: 2014-1625 Low Mass and High Efficiency Engine for Medium Duty Truck Applications, Award DE-EE0008877, XX, XX	n/a	Propulsion Materials	Jerry Gibbs
Wednesday, June 22, 2022	10:45 AM				
Wednesday, June 22, 2022	11:00 AM	MAT240: 2014-1882 Next Generation High Efficiency Boosted Engine Development, Award DE-EE0008878, XX< XX	n/a	Propulsion Materials	Jerry Gibbs
Wednesday, June 22, 2022	11:15 AM				
Wednesday, June 22, 2022	11:30 AM	MAT241: Advanced Processing and Additive Manufacturing for Electric Vehicle (EV) Propulsion: Advanced Ceramics and Processing for Wireless Charging Systems, Beth Armstrong, Oak Ridge National Laboratory	Beth Armstrong	Propulsion Materials	Jerry Gibbs
Wednesday, June 22, 2022	11:45 AM				
Wednesday, June 22, 2022	12:00 PM	MAT242: Advanced Processing and Additive Manufacturing for Electric Vehicle (EV) Propulsion: Novel Ultra High Conductivity Composites for EVs, Tolga Aytug, Oak Ridge National Laboratory	Tolga Aytug	Propulsion Materials	Jerry Gibbs
Wednesday, June 22, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:30 PM	LUNCH BREAK			
Wednesday, June 22, 2022	1:40 PM				
Wednesday, June 22, 2022	1:55 PM				
Wednesday, June 22, 2022	2:10 PM				
Wednesday, June 22, 2022	2:25 PM				
Wednesday, June 22, 2022	2:40 PM				
Wednesday, June 22, 2022	2:55 PM				
Time Buffer	3:10 PM	Time Buffer			
BREAK	3:15 PM	BREAK			
Wednesday, June 22, 2022	3:45 PM	MAT225: Surface Modifications for Improved Joining and Corrosion Resistance, Mike Brady and Vineet Joshi, ORNL/PNNL	Mike Brady	Lightweight Materials, MMJ	Sarah Kleinbaum

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	4:00 PM				
Wednesday, June 22, 2022	4:15 PM	MAT226: Machine Learning for Joint Quality and Control, Zhili Feng and Keerti Kappagantula, ORNL/PNNL	Keerti Kappagantula	Lightweight Materials, MMJ	Sarah Kleinbaum
Wednesday, June 22, 2022	4:30 PM				
Wednesday, June 22, 2022	4:45 PM	MAT151: Phase-Field Modeling of Corrosion for Design of Next-Generation Magnesium-Aluminum Vehicle Joints, Adam Powell, Worcester Polytechnic Institute	Adam Powell	Lightweight Materials, MMJ	Sarah Kleinbaum
Wednesday, June 22, 2022	5:00 PM				
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Wednesday, June 22, 2022	5:50 PM	MAT152: A Hybrid Physics-Based, Data-Driven Approach to Model Damage Accumulation in Corrosion of Polymeric Adhesives, Roozbeh Dargazany, Michigan State University	Roozbeh Dargazany	Lightweight Materials, MMJ	Sarah Kleinbaum
Wednesday, June 22, 2022	6:05 PM				
Wednesday, June 22, 2022	6:20 PM	MAT132: High Strength Steel-Aluminum Components by Vaporizing Foil Actuator Welding, Glenn Daehn, The Ohio State University	Glenn Daehn	Lightweight Materials, MMJ	Sarah Kleinbaum
Wednesday, June 22, 2022	6:35 PM				
Wednesday, June 22, 2022	6:50 PM	MAT243: Manufacturing Demonstration of a Large-scale, Multi-material Passenger Vehicle Sub-system, Srikanth Pilla, Clemson University	Srikanth Pilla	Lightweight Materials, MMJ	Sarah Kleinbaum
Wednesday, June 22, 2022	7:05 PM				
		Thursday, June 23, 2022			
Thursday, June 23, 2022	10:00 AM	MAT149: Shear Assisted Processing and Extrusion (ShAPE) of Lightweight Alloys for Automotive Components, Scott Whalen, PNNL	Scott Whalen	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	10:15 AM				
Thursday, June 23, 2022	10:30 AM	MAT229: Development of a Novel Magnesium Alloy for Thixomolding of Automotive Components, Govindarajan	Govindarajan Muralidharan	Automotive Metals	Sarah Kleinbaum

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Thursday, June 23, 2022	10:45 AM	Muralidharan and Bryan Macek, ORNL/FCA LLC			
Thursday, June 23, 2022	11:00 AM	MAT231: Light Metals Core Program Introduction, Glenn Grant, PNNL	Glenn Grant	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	11:15 AM	MAT244: LMCP P1A - Sheet Materials with Local Property Variation, Scott Whalen, PNNL	Scott Whalen	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	11:30 AM				
Thursday, June 23, 2022	11:45 AM	MAT245: LMCP P1B - Form-and-Print - AM for Localized Property Enhancement of High-strength Al sheet, Alex Plotkowski, ORNL	Alex Plotkowski	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	12:00 PM				
Thursday, June 23, 2022	12:15 PM				
TIME BUFFER	12:30 PM	TIME BUFFER			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Thursday, June 23, 2022	1:40 PM	MAT246: LMCP P1C - Local Thermomechanical Processing to Address Challenges to Implementing High Strength Al Sheet, Mert Efe (PNNL), Govindarajan Muralidharan (ORNL)	Mert Efe (PNNL) Govindarajan Muralidharan (ORNL)	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	1:55 PM				
Thursday, June 23, 2022	2:10 PM	MAT247: LMCP P2A - Solid Phase Processing of Aluminum Castings, Saumyadeep Jana (PNNL), Zhili Feng (ORNL)	Saumyadeep Jana (PNNL), Zhili Feng (ORNL)	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	2:25 PM				
Thursday, June 23, 2022	2:40 PM	MAT248: LMCP P2B - High Intensity Thermal Treatment, Aashish Rohatgi, PNNL	Aashish Rohatgi	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Thursday, June 23, 2022	3:45 PM	MAT249: LMCP P2C - Cast-and-Print - AM for Localized Property Enhancement of Al castings, Alex Plotkowski, ORNL	Alex Plotkowski	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	4:00 PM				
Thursday, June 23, 2022	4:15 PM	MAT250: LMCP P3A - Cast Magnesium Local Corrosion Mitigation, Vineet Joshi (PNNL), Jiheon Jun (ORNL)	Vineet Joshi (PNNL), Jiheon Jun (ORNL)	Automotive Metals	Sarah Kleinbaum
Thursday, June 23, 2022	4:30 PM				

2022 VTO AMR Schedule

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For new presentations, add "NEW" (Terry will create a new project ID), PI, Org, Title plus PI Email, PI Phone, Sub-Program Category, and TDM. Note:

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Tuesday, June 21, 2022					
Tuesday, June 21, 2022	10:00 AM	Plenary presentations to take place Tuesday due to Juneteenth being observed on Monday, June 20. Presentations from Dave Howell, Michael Berube, and additional DOE leadership will occur.			
Tuesday, June 21, 2022	10:15 AM				
Tuesday, June 21, 2022	10:30 AM				
Tuesday, June 21, 2022	10:45 AM				
Tuesday, June 21, 2022	11:00 AM				
Tuesday, June 21, 2022	11:15 AM				
Tuesday, June 21, 2022	11:30 AM				
Tuesday, June 21, 2022	11:45 AM				
Tuesday, June 21, 2022	12:00 PM				
Tuesday, June 21, 2022	12:15 PM				
Time Buffer	12:30 PM				
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Tuesday, June 21, 2022	1:40 PM	TI922: INSERT TITLE			
Tuesday, June 21, 2022	1:55 PM				
Tuesday, June 21, 2022	2:10 PM	T1126: Twin Cities Electric Vehicle Community Mobility Network; Lisa Thurstin, American Lung Association	Lisa Thurstin	Technology Integration	Margaret Smith
Tuesday, June 21, 2022	2:25 PM				
Tuesday, June 21, 2022	2:40 PM	T1127: Mid-Atlantic Electrification Partnership; Al Christopher, Virginia Department of Mines, Minerals, and Energy	Al Christopher	Technology Integration	Margaret Smith
Tuesday, June 21, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
BREAK	3:15 PM	BREAK			
Tuesday, June 21, 2022	3:45 PM	TI128: Western Smart Regional Electric Vehicle Adoption and Infrastructure at Scale; James Campbell, PacifiCorp	James Campbell	Technology Integration	Margaret Smith
Tuesday, June 21, 2022	4:00 PM				
Tuesday, June 21, 2022	4:15 PM	TI129: Helping America's Rural Counties Transition to Cleaner Fuels and Vehicles; Ken Brown, Transportation Energy Partners	Ken Brown	Technology Integration	Mike Laughlin
Tuesday, June 21, 2022	4:30 PM				
Tuesday, June 21, 2022	4:45 PM	TI130: VOICE-MR: Vocation Integrated Cost Estimation for Maintenance and Repair of Alternative Fuel Vehicles; Arvind Thiruvengadam, West Virginia University	Arvind Thiruvengadam	Technology Integration	Mike Laughlin
Tuesday, June 21, 2022	5:00 PM				
Time Buffer	5:15 PM	Time Buffer			
BREAK	5:20 PM	BREAK			
Tuesday, June 21, 2022	5:50 PM	TI131: DRIVE (Developing Replicable, Innovative Variants for Engagement) for Electric Vehicles (Evs) in the USA; Jonathan Overly, East Tennessee Clean Fuels Coalition	Jonathan Overly	Technology Integration	Margaret Smith
Tuesday, June 21, 2022	6:05 PM				
Tuesday, June 21, 2022	6:20 PM	TI132: The National Fire Protection-Association (NFPA) Spurs the Safe Adoption of Electric Vehicles through Education and Outreach; Andrew Klock, National Fire Protection Association	Andrew Klock	Technology Integration	Margaret Smith
Tuesday, June 21, 2022	6:35 PM				
Tuesday, June 21, 2022	6:50 PM				
		Wednesday, June 22, 2022			
Wednesday, June 22, 2022	10:00 AM	TI133: Field Demonstration of a Near-Zero, Tier 5 Compliant, Natural Gas Hybrid Line-Haul Locomotive; Ted Barnes, Gas Technology Institute	Ted Barnes	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	10:15 AM				
Wednesday, June 22, 2022	10:30 AM	TI134: Delivering Clean Air in Denver: Propane Truck and Infrastructure in Mail Delivery Application; Bonnie Trowbridge, Drive Clean Colorado	Bonnie Trowbridge	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	10:45 AM				
Wednesday, June 22, 2022	11:00 AM	TI135: Advancing Climate & Innovation Goals of Memphis & Shelby County: Electrification of Key Fleet Vehicles to Capture Cost Savings and Climate Benefits; Dana Sjoström, Shelby County, Tennessee	Dana Sjoström (will change in late 2021)	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	11:15 AM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	11:30 AM	TI136: Zero Emission Freight Future; Megan Stein, Clean Fuels Ohio	Megan Stein	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	11:45 AM				
Wednesday, June 22, 2022	12:00 PM	TI137: Cold-Weather Operation, Observation and Learning Electric Vehicles; Lisa Thurstin, American Lung Association	Lisa Thurstin	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:30 PM	LUNCH BREAK			
Wednesday, June 22, 2022	1:40 PM	TI138: Demonstrating Electric Shuttles for the New Orleans Region; Elizabeth Davey, Tulane University	Elizabeth Davey	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	1:55 PM				
Wednesday, June 22, 2022	2:10 PM	TI139: Pilot Heavy-Duty Electric Vehicle (EV) Deployment for Municipal Solid Waste Collection; Pierce Schwab, Municipality of Anchorage	Pierce Schwab	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	2:25 PM				
Wednesday, June 22, 2022	2:40 PM	TI140: St. Louis Vehicle Electrification Rides for Seniors; Connor Herman, Forth Mobility	Connor Herman	Technology Integration	Mike Laughlin
Wednesday, June 22, 2022	2:55 PM				
Time Buffer	3:10 PM	Time Buffer			
BREAK	3:15 PM	BREAK			
Wednesday, June 22, 2022	3:45 PM				
Wednesday, June 22, 2022	4:00 PM				
Wednesday, June 22, 2022	4:15 PM				
Wednesday, June 22, 2022	4:30 PM				
Wednesday, June 22, 2022	4:45 PM				
Wednesday, June 22, 2022	5:00 PM				
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Wednesday, June 22, 2022	5:50 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	6:05 PM				
Wednesday, June 22, 2022	6:20 PM				
Wednesday, June 22, 2022	6:35 PM				
Wednesday, June 22, 2022	6:50 PM				
		Thursday, June 23, 2022			
Thursday, June 23, 2022	10:00 AM				
Thursday, June 23, 2022	10:15 AM				
Thursday, June 23, 2022	10:30 AM				
Thursday, June 23, 2022	10:45 AM				
Thursday, June 23, 2022	11:00 AM				
Thursday, June 23, 2022	11:15 AM				
Thursday, June 23, 2022	11:30 AM				
Thursday, June 23, 2022	11:45 AM				
Thursday, June 23, 2022	12:00 PM				
Thursday, June 23, 2022	12:15 PM				
TIME BUFFER	12:30 PM	TIME BUFFER			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Thursday, June 23, 2022	1:40 PM				
Thursday, June 23, 2022	1:55 PM				
Thursday, June 23, 2022	2:10 PM				
Thursday, June 23, 2022	2:25 PM				
Thursday, June 23, 2022	2:40 PM				
Thursday, June 23, 2022	2:55 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Thursday, June 23, 2022	3:45 PM				
Thursday, June 23, 2022	4:00 PM				
Thursday, June 23, 2022	4:15 PM				
Thursday, June 23, 2022	4:30 PM				
Thursday, June 23, 2022	4:45 PM				
Thursday, June 23, 2022	5:00 PM				
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Thursday, June 23, 2022	5:50 PM				
Thursday, June 23, 2022	6:05 PM				
Thursday, June 23, 2022	6:20 PM				
Thursday, June 23, 2022	6:35 PM				
Thursday, June 23, 2022	6:50 PM	AMR ends			

Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
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Wednesday, June 23, 2021, POSTERS			
Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects

2022 VTO AMR Schedule

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Tuesday, June 21, 2022	11:30 AM				
Tuesday, June 21, 2022	11:45 AM				
Tuesday, June 21, 2022	12:00 PM				
Tuesday, June 21, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Tuesday, June 21, 2022	1:40 PM	VAN016: Transportation Data Programs, Stacy David, Oak Ridge National Laboratory	Stacy Davis	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	1:55 PM	VAN033: Transportation Macroeconomic Accounting Models: Vision and Non-Light Duty Energy and Greenhouse Gas (GHG) Emissions Accounting Tool (NEAT), Joann Zhou, Argonne National Laboratory	Joann Zhou	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	2:10 PM	VAN032: Tracking the Evolution of Electric Vehicles and New Mobility Technology, Joann Zhou, Argonne National Laboratory	Joann Zhou	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	2:25 PM	VAN044: Micromobility Screening for City Opportunities Online Tool, Don McKenzie, University of Washington	Don McKenzie	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	2:40 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Tuesday, June 21, 2022	2:55 PM	VAN045: Analysis of Electric Heavy-Duty Driving and Infrastructure Requirements Within A Regional Area, Marcus Alexander, EPRI	Marcus Alexander	VT Analysis (VAN)	Jacob Ward
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Tuesday, June 21, 2022	3:45 PM	VAN023: Assessing Energy and Cost Impact of Advanced Vehicle Technologies, Ram Vijayagopal, Argonne National Laboratory	Ram Vijayagopal	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	4:00 PM				
Tuesday, June 21, 2022	4:15 PM	VAN017: Argonne National Laboratory Vehicle Technologies Office (VTO) Analysis Modeling Program, Michael Wang, Argonne National Laboratory	Michael Wang	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	4:30 PM				
Tuesday, June 21, 2022	4:45 PM	VAN046: EVI-Equity, D-Y Lee, National Renewable Energy Labor	D-Y Lee	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	5:00 PM				
Time Buffer	5:15 PM	Time Buffer			
BREAK	5:20 PM	BREAK			
Tuesday, June 21, 2022	5:50 PM	VAN018: Light-Duty Vehicle Choice Modeling and Benefits Analy	Aaron Brook	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	6:05 PM				
Tuesday, June 21, 2022	6:20 PM	VAN047: Integrated Modeling and Technoeconomic Assessment	Eleftheria Kontou	VT Analysis (VAN)	Jacob Ward
Tuesday, June 21, 2022	6:35 PM				
Tuesday, June 21, 2022	6:50 PM	VAN048: Heavy-Duty Electric Vehicle Integration and Implement	William Northrop	VT Analysis (VAN)	Jacob Ward
		Wednesday, June 22, 2022			
Wednesday, June 22, 2022	10:00 AM				
Wednesday, June 22, 2022	10:15 AM				
Wednesday, June 22, 2022	10:30 AM				
Wednesday, June 22, 2022	10:45 AM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Wednesday, June 22, 2022	11:00 AM				
Wednesday, June 22, 2022	11:15 AM				
Wednesday, June 22, 2022	11:30 AM				
Wednesday, June 22, 2022	11:45 AM				
Wednesday, June 22, 2022	12:00 PM				
Wednesday, June 22, 2022	12:15 PM				
Time Buffer	12:30 PM	Time Buffer			
LUNCH BREAK	12:30 PM	LUNCH BREAK			
Wednesday, June 22, 2022	1:40 PM				
Wednesday, June 22, 2022	1:55 PM				
Wednesday, June 22, 2022	2:10 PM				
Wednesday, June 22, 2022	2:25 PM				
Wednesday, June 22, 2022	2:40 PM				
Wednesday, June 22, 2022	2:55 PM				
Time Buffer	3:10 PM	Time Buffer			
BREAK	3:15 PM	BREAK			
Wednesday, June 22, 2022	3:45 PM				
Wednesday, June 22, 2022	4:00 PM				
Wednesday, June 22, 2022	4:15 PM				
Wednesday, June 22, 2022	4:30 PM				
Wednesday, June 22, 2022	4:45 PM				
Wednesday, June 22, 2022	5:00 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Wednesday, June 22, 2022	5:50 PM				
Wednesday, June 22, 2022	6:05 PM				
Wednesday, June 22, 2022	6:20 PM				
Wednesday, June 22, 2022	6:35 PM				
Wednesday, June 22, 2022	6:50 PM				
		Thursday, June 23, 2022			
Thursday, June 23, 2022	10:00 AM				
Thursday, June 23, 2022	10:15 AM				
Thursday, June 23, 2022	10:30 AM				
Thursday, June 23, 2022	10:45 AM				
Thursday, June 23, 2022	11:00 AM				
Thursday, June 23, 2022	11:15 AM				
Thursday, June 23, 2022	11:30 AM				
Thursday, June 23, 2022	11:45 AM				
Thursday, June 23, 2022	12:00 PM				
Thursday, June 23, 2022	12:15 PM				
TIME BUFFER	12:30 PM	TIME BUFFER			
LUNCH BREAK	12:40 PM	LUNCH BREAK			
Thursday, June 23, 2022	1:40 PM				
Thursday, June 23, 2022	1:55 PM				

Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
Thursday, June 23, 2022	2:10 PM				
Thursday, June 23, 2022	2:25 PM				
Thursday, June 23, 2022	2:40 PM				
Thursday, June 23, 2022	2:55 PM				
TIME BUFFER	3:10 PM	TIME BUFFER			
BREAK	3:15 PM	BREAK			
Thursday, June 23, 2022	3:45 PM				
Thursday, June 23, 2022	4:00 PM				
Thursday, June 23, 2022	4:15 PM				
Thursday, June 23, 2022	4:30 PM				
Thursday, June 23, 2022	4:45 PM				
Thursday, June 23, 2022	5:00 PM				
TIME BUFFER	5:15 PM	TIME BUFFER			
BREAK	5:20 PM	BREAK			
Thursday, June 23, 2022	5:50 PM				
Thursday, June 23, 2022	6:05 PM				
Thursday, June 23, 2022	6:20 PM				
Thursday, June 23, 2022	6:35 PM				
Thursday, June 23, 2022	6:50 PM	AMR ends			

Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects
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Date	Time	Project ID (or "NEW" for new presentations), Title, PI, Organization	Pi Name	Subprogram - All Projects	TDM Name - All Projects

Wednesday, June 23, 2021, POSTERS				
Project ID (or "NEW" for new presentations), Title, PI, Organization	PI Name	Subprogram - All Projects	TDM Name - All Projects	