

4/22-4/25 2013 Peer Review Agenda

Location
Renaissance Denver Hotel
3801 Quebec Street
Denver, CO 80207
(303) 399 7500

		Monday	Monday Monday Monday Mo	nday Monday	Mon	day	Monday	Monday Monday Monday Monda	ay Monday	Monday	у Мо	nday Mo	onday Monday Monday Monday	
			TRACK 1 - Ballroom A					TRACK 2 - Ballroom B					TRACK 3 - Big Thompson	
8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST & REGISTRATION	Presenter	8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST & REGISTRATION	Presenter	8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST & REGISTRATION	Presenter
9:00 AM	10:00 AM		Plenary Session	Kate Baker, Bobi Garrett, Doug Hollett, Lauren Boyd and Eric Hass, DOE/NREL		10:00 AM		Plenary Session	Kate Baker, Bobi Garrett, Doug Hollett, Lauren Boyd and Eric Hass, DOE/NREL		10:00 AM		Plenary Session	Kate Baker, Bobi Garrett, Doug Hollett, Lauren Boyd and Eric Hass, DOE/NREL
10:00 AM	10:30 AM	Ballroom C&D	Reviewer Meeting (Closed)		10:00 AM	10:30 AM	Ballroom C&D	Reviewer Meeting (Closed)		10:00 AM	10:30 AM	Ballroom C&D	Reviewer Meeting (Closed)	
10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK	
10:45 AM	11:15 AM	Co-Produced	Electric Power Generation Using Geothermal Fluid Co- produced from Oil and/or Gas Wells	Bernie Karl, Chena Hot Springs Resort	10:45 AM	11·30 AM	EGS Demo	Newberry Volcano EGS Demonstration	Susan Petty, AltaRock	10:45 AM	11:15 AM	Techno-Econ	Decision Analysis for Enhanced Geothermal Systems	Herbert H. Einstein, Massachusetts Institute of Technology
11:15 AM	11:45 AM	Low Temp	Electric Power Generation from Co-Produced Fluids from Oi and Gas Wells; Electric Power Generation from Low to Intermediate Temperature Resources	William D. Gosnold, University of North Dakota	10.137111	11.007	EGS Demo	Newberry Voicano EGS Demonstration	Energy, Inc.	11:15 AM	11:45 AM	Techno-Econ	Analysis of Low-Temperature Utilization of Geothermal Resources	Brian Anderson, West Virginia University
11:45 AM	12:15 PM	Low Temp	Hybrid Geothermal-Solar	Greg Mines, Idaho National Laboratory	11:30 AM	12:15 PM	EGS Demo	Demonstration of an Enhanced Geothermal System at the Northwest Geysers Geothermal Field	Mark Walters, Geysers Power Company, LLC	11:45 AM	12:15 PM	Techno-Econ	Estimation and Analysis of Life Cycle Costs of Baseline Enhanced Geothermal Systems	Uday Turaga, Adi Analytics, LLC
12:15 PM	1:30 PM	Ballroom C&D	LUNCH DOE Geothermal Data Repository GDR Data Provider Recognition	John Weers, NREL Arlene Anderson, DOE	12:15 PM	1:30 PM	Ballroom C&D	LUNCH DOE Geothermal Data Repository GDR Data Provider Recognition	John Weers, NREL Arlene Anderson, DOE	12:15 PM	1:30 PM	Ballroom C&D	LUNCH DOE Geothermal Data Repository GDR Data Provider Recognition	John Weers, NREL Arlene Anderson, DOE
1:30 PM	2:00 PM	Low Temp	Novel Energy Conversion Equipment for Low Temperature Geothermal Resources	Eric Minor, Johnson Controls, Inc.	1:30 PM	2:15 PM	EGS Demo	Feasibility of EGS Development at Brady's Hot Springs	Ezra Zemach, Ormat Nevada, Inc.	1:30 PM	2:00 PM	Techno-Econ	GETEM Development	Greg Mines, Idaho National Laboratory
2:00 PM	2:30 PM	Low Temp	The Canby Cascaded Geothermal Development Project	Dale Merrick, Modoc Contracting Company	2:15 PM	3:00 PM	EGS Demo	Concept Testing and Development at the Raft River	Joseph Moore,	2:00 PM	2:30 PM	Techno-Econ	Hybrid and advanced air-cooling	Desikan (Desi) Bharathan, National Renewable Energy Laboratory
2:30 PM	3:00 PM	Low Temp	A Revolutionary Hybrid Thermodynamic Cycle for Binary Geothermal Power Plants	Adrian Sabau, Oak Ridge National Laboratory	2.13110	3:00 PIVI	EGS Deliilo	Geothermal Field, Idaho	University of Utah	2:30 PM	3:00 PM	Policy & Reg. Analysis	Geothermal Regulatory Roadmap	Kate Young, National Renewable Energy Laboratory
3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK	
3:15 PM	3:45 PM	Low Temp	Osmotic Heat Engine for Energy Production from Low Temperature Geothermal Resources	Eric Maxwell, Oasys Water	3:15 PM	4:00 PM	EGS Demo	Desert Peak East EGS Project	Ezra Zemach, Ormat	3:15 PM	4:00 PM	Data	National Geothermal Data System Architecture Design,	Harold Blackman, Boise
3:45 PM	4:15 PM	Low Temp	Kalex Advanced Low Temperature Geothermal Power Cycle	Cheryl Sandifer, Technip USA					Nevada, Inc.	3.13110			Testing and Maintenance	State University
4:15 PM	4:45 PM	Low Temp	Fairbanks Geothermal Energy Project (Chena as a sub)	Bernie Karl, Chena Hot Springs Resort	4:00 PM	4:30 PM	Fluid Imaging	Use of Geophysical Techniques to Characterize Fluid Flow in a Geothermal Reservoir	Michael Batzle, Colorado School of Mines	4:00 054	4.45 554	Date	State Geological Survey Contributions to NGDS Data	Lee Allison, Arizona
4:45 PM	5:15 PM	Low Temp	Single-Well Low Temperature CO2-Based Engineered Geothermal System	Alan D. Eastman, GreenFire Energy	4:30 PM	5:00 PM	Fluid Imaging	Advanced 3D Geophysical Imaging Technologies for Geothermal Resource Characterization	Greg Newman, Lawrence Berkeley National Laboratory	4:00 PM	4:45 PM	Data	Development, Collection and Maintenance	Geological Survey
5:30 PM	7:30 PM	Foyer	POSTER SESSION & NETWORKING EVENT		5:30 PM	7:30 PM	Foyer	POSTER SESSION & NETWORKING EVENT	,	5:30 PM	7:30 PM	Foyer	POSTER SESSION & NETWORKING EVENT	



4/22-4/25 2013 Peer Review Agenda

Location
Renaissance Denver Hotel
3801 Quebec Street
Denver, CO 80207
(303) 399 7500

	Tu	esday Tı	uesday Tuesday Tuesday Tuesday	Tuesday Tu	ıesday	Tuesd	ay Tues	day Tuesday Tuesday Tuesday T	uesday Tueso	day T	uesday	Tuesday	Tuesday Tuesday Tuesday Tues	sday
			TRACK 1 - Ballroom A					TRACK 2 - Ballroom B					TRACK 3 - Big Thompson	
Start 8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST	Presenter	Start 8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST	Presenter	Start 8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST	Presenter
9:00 AM	9:30 AM	CO2	Experiment-Based Model for the Chemical Interactions between Geothermal Rocks, Supercritical Carbon Dioxide and Water	Miroslav Petro, PARC (Palo Alto Research Center)	9:00 AM	9:30 AM	Fluid Imaging	Full-waveform inversion of 3D-9C VSP data from Brady's EGS site and update of the Brady reservoir scale model	Lianjie Huang, Los Alamos National Laboratory	9:00 AM	9:45 AM	Data	Heat Flow Database Expansion for NGDS Data Development Collection and Maintenance	David D. Blackwell, Southern Methodist University
9:30 AM	10:00 AM	CO2	An Integrated Experimental and Numerical Study: Developing a Reaction Transport Model that Couples Chemical Reactions of Mineral Dissolution/Precipitation with Spatial and Temporal Flow Variations in CO2/Brine/Rock Systems	Martin Saar, University of Minnesota	9:30 AM	10:00 AM	Fluid Imaging	Monitoring and Modeling Fluid Flow in a Developing EGS Reservoir	Michael Fehler, Massachusetts Institute of Technology	9:45 AM	10:30 AM	Data	National Geothermal Resource Assessment and	Colin Williams, U.S.
		Working Fluids	Advanced Heat/Mass Exchanger Technology for Geothermal and Solar Renewable Energy Systems (NV)	Miles Greiner, University of Nevada, Reno (UNR)			Fluid Imaging	Application of Neutron Imaging and Scattering to Fluid Flow and Fracture in EGS Environments	Yarom Polsky, Oak Ridge National Laboratory				Classification	Geological Survey
10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK	
10:45 AM	11:15 AM	IET	El Paso County Geothermal Electric Generation Project: Innovative Research Technologies Applied to the Geothermal Resource Potential at Ft. Bliss	Ben Barker, El Paso County	10:45 AM	11:15 AM	Fluid Imaging	Fracture Network and Fluid Flow Imaging for Enhanced Geothermal Systems: Applications from Multi-Dimensional Electrical Resistivity Structure	Phillip Wannamaker, University of Utah	10:45 AM	11:15 AM	Tracers	Quantum Dot Tracers for Use in Engineered Geothermal Systems	Peter Rose, University of Utah
11:15 AM	11:45 AM	IET	Validation of Innovative Exploration Technologies for Newberry Volcano	Albert F. Waibel, Davenport Power, LLC	11:15 AM	11:45 AM	Characterizing Fractures	Sustainability of Shear-Induced Permeability for EGS Reservoirs – A Laboratory Study	Tim Kneafsey, Lawrence Berkeley National Laboratory	11:15 AM	11:45 AM	Tracers	Novel Multidimensional Tracers for Geothermal Inter-Well Diagnostics	Yongchun Tang, Power, Environmental and Energy Research
11:45 AM	12:15 PM	IET	Direct Confirmation of Commercial Geothermal Resources in Colorado using Remote Sensing and On-Site Exploration, Testing and Analysis	F. Robinson, Flint Geothermal LLC	11:45 AM	12:15 PM	Characterizing Fractures	Characterizing Fractures in Geysers Geothermal Field by Micro-seismic Data, Using Soft Computing, Fractals, and Shear Wave Anisotropy	Fred Aminzadeh, University of Southern California	11:45 AM	12:15 PM	Tracers	Fracture Evolution following Hydraulic Stimulation within an EGS Reservoir	Peter Rose, University of Utah
12:15 PM	1:30 PM	Ballroom C&D	LUNCH Characterizing Structural Controls of EGS-Candidate and Conventional Geothermal Reservoirs in the Great Basin: Developing Successful Exploration Strategies in Extended Terranes	James Faulds, University of Nevada, Reno (UNR)	12:15 PM	1:30 PM	Ballroom C&D	LUNCH Characterizing Structural Controls of EGS-Candidate and Conventional Geothermal Reservoirs in the Great Basin: Developing Successful Exploration Strategies in Extended Terranes	James Faulds, University of Nevada, Reno (UNR)	12:15 PM	1:30 PM	Ballroom C&D	LUNCH Characterizing Structural Controls of EGS-Candidate and Conventional Geothermal Reservoirs in the Great Basin: Developing Successful Exploration Strategies in Extended Terranes	James Faulds, University of Nevada, Reno (UNR)
1:30 PM	2:00 PM	IET	Merging High Resolution Geophysical and Geochemical Surveys to Reduce Exploration Risk at Glass Buttes, Oregon; Blind Geothermal System Exploration in Active Volcanic Environments; Multi-phase Geophysical and Geochemical Surveys in Overt and Subtle Volcanic Systems, Hawai'i and Maui	Ezra Zemach, Ormat Technologies Inc.	1:30 PM	2:00 PM	Induced Seismicity	Toward the Understanding of Induced Seismicity in Enhanced Geothermal Systems	Doug Dreger, Array Information Technology Inc.	1:30 PM	2:00 PM	Modeling	Reservoir-Stimulation Optimization with Operational Monitoring for Creation of Enhanced Geothermal Systems	Carlos Fernandez, Pacific Northwest National Laboratory
2:00 PM	2:30 PM	IET	Advanced Seismic data Analysis Program (The "Hot Pot Project")	Mike Lane, Oski Energy, LLC	2:00 PM	2:30 PM	Induced Seismicity	Development of a Geological and Geomechanical Framework for the Analysis of MEQ in EGS Experiments (Geysers)	Ahmad Ghassemi, University of Oklahoma	2:00 PM	2:30 PM	Modeling	Stimulation at Desert Peak and Brady's reservoirs: modeling with the coupled THM code FEHM	Sharad Kelkar, Los Alamos National Laboratory
2:30 PM	3:00 PM	IET	Recovery Act: Detachment faulting and Geothermal Resources – An Innovative Integrated Geological and Geophysical Investigation of Pearl Hot Spring, Nevada	Daniel Stockli, University of Texas at Austin	2:30 PM	3:00 PM	HT Tools	Rotation-Enabled 7-DOF Seismometer for Geothermal Resource Development	Darren Laughlin, A-Tech Corporation	2:30 PM	3:00 PM	Modeling	Coupled Thermal-Hydrological-Mechanical-Chemical Model and Experiments for Optimization of Enhanced Geothermal System Development and Production; Evaluation of Stimulation at the Newberry Volcano EGS Demonstration Site through Natural Isotopic Reactive Tracers and Geochemical Investigation	Eric Sonnenthal, Lawrence Berkeley National Laboratory
3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK	
3:15 PM	3:45 PM	IET	Innovative Exploration Techniques for Geothermal Assessment at Jemez Pueblo, New Mexico	Greg Kaufman, Pueblo of Jemez	3:15 PM	3:45 PM	HT Tools	Complete Fiber/Copper Cable Solution for Long-Term Temperature and Pressure Measurement in Supercritical Reservoirs and EGS Wells	Kendall Waterman, Draka Cableteq USA	3:15 PM	3:45 PM	Modeling	Code Comparison Study	Tim Scheibe, Pacific Northwest National Laboratory
3:45 PM	4:15 PM	IET	Comprehensive Evaluation of the Geothermal Resource Potential within the Pyramid Lake Paiute Reservation	Donna Noel, Pyramid Lake Paiute Tribe	3:45 PM	4:15 PM	HT Tools	Extreme Temperature (300 C) P/MWD with Energy Storage and Generation, Enabling Substantial Cost and Risk Reduction in Geothermal Exploration	Riccardo Signorelli, FastCAP Systems Corp.	3:45 PM	4:15 PM	Modeling	Integration of Nontraditional Isotopic Systems Into Reaction- Transport Models of EGS For Exploration, Evaluation of Water-Rock Interaction, and Impacts of Water Chemistry on Reservoir Sustainability	Eric Sonnenthal, Lawrence Berkeley National Laboratory
4:15 PM	4:45 PM	IET	Finding Large Aperture Fractures in Geothermal Resource Areas Using a Three-Component Long-Offset Surface Seismic Survey	lan Warren, US Geothermal, Inc.	4:15 PM	4:45 PM	HT Tools	Perforating System for Geothermal Applications	Moises Smart, Schlumberger Technology Corporation	4:15 PM	4:45 PM		THMC Modeling of EGS Reservoirs – Continuum through Discontinuum Representations: Capturing Reservoir Stimulation, Evolution and Induced Seismicity	Derek Elsworth, Pennsylvania State University
										4:45 PM	6:45 PM	Big Thompson	Knowledge Exchange on Geothermal Industry Outlook and Needs with GTO Program Director and Staff (meeting open to interested parties)	Doug Hollett, DOE



GEOTHERMAL TECHNOLOGIES OFFICE

4/22-4/25 2013 Peer Review Agenda

Location **Renaissance Denver Hotel** 3801 Quebec Street **Denver, CO 80207** (303) 399 7500

		Wednesda	ay Wednesday Wednesday Wedne	sday Wedneso	day V	Vedneso	lay We	dnesday Wednesday Wednesday V	Vednesday W	ednesda	y We	dnesday	Wednesday Wednesday Wednesday	/
Start	End	Panel	TRACK 1 - Ballroom A Presentation	Presenter	Start	End	Panel	TRACK 2 - Ballroom B Presentation	Presenter	Start	End	Panel	TRACK 3 - Big Thompson Presentation	Presenter
8:00 AM	9:00 AM	Ballroom C&D	CONTINENTAL BREAKFAST	rresenter	8:00 AM	9:00 AM	Ballroom C&D	CONTINENTAL BREAKFAST	riesenter	8:00 AM	9:00 AM	Ballroom C&D	CONTINENTAL BREAKFAST	resenter
9:00 AM	9:30 AM	Geophysics	Integration of Full Tensor Gravity and ZTEM Passive Low Frequency EM Instruments for Simultaneous Data Acquisition	Scott Wieberg, Bell Geospace, Inc.	9:00 AM	9:30 AM	HT Tools	High-Temperature-High-Volume Lifting For Enhanced Geothermal Systems	Norman Turnquist, GE Global Research	9:00 AM	9:30 AM	Modeling	Analysis of Geothermal Reservoir Stimulation using Geomechanics-Based Stochastic Analysis of Injection- Induced Seismicity	Ahmad Ghassemi, University of Oklahoma
9:30 AM	10:00 AM	Geophysics	Time-lapse joint inversion of GEOphysical Data and its application to gEothermal prospecting - GEODE	Andre Revil, Colorado School of Mines	9:30 AM	10:00 AM	HT Tools	Well Monitoring Systems for EGS	Randy Normann, Perma Works LLC	9:30 AM	10:00 AM	Modeling	Development of Advanced Thermal-Hydrological- Mechanical-Chemical (THMC) Modeling Capabilities for Enhanced Geothermal Systems	Yu-Shu Wu, Colorado School of Mines
10:00 AM	10:30 AM	Geophysics	Stochastic Joint Inversion for Integrated Data Interpretation in Geothermal Exploration	Robert Mellors, Lawrence Livermore National Laboratory	10:00 AM	10:30 AM	HT Tools	Gas Generator Development and Testing for Controlled Rapid Pressurization Using Liquid Propellants for EGS Well Stimulation; Energetic Materials for EGS Well Stimulation	Mark Grubelich, Sandia National Laboratories	10:00 AM	10:30 AM	Modeling	Use of a Reservoir Model to Predict Potential Effects of Fracturing Techniques	Ahmad Ghassemi, University of Oklahoma
10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK	
10:45 AM	11:15 AM	Geophysics	Novel use of 4D Monitoring Techniques to Improve Reservoir Longevity and Productivity in Enhanced Geothermal Systems	Kelly Rose, National Energy Technology Laboratory	10:45 AM	11:15 AM	Drilling Systems	Microhole Arrays Drilled With Advanced Abrasive Slurry Jet Technology To Efficiently Exploit Enhanced Geothermal Systems	Kenneth Oglesby, Impact Technologies, LLC	10:45 AM	11:15 AM	Modeling	Integration of Noise and Coda Correlation Data into Kinematic and Waveform Inversions With Microearthquake Data for 3D Velocity Structure, Earthquake Locations, and Moment Tensors in Geothermal Reservoirs	Daniel O'Connell, William Lettis & Associates, Inc.
11:15 AM	11:45 AM	Geophysics	Monitoring EGS Stimulation and Reservoir Dynamics with InSAR and MEQ	Nicholas Davatzes, Temple University	11:15 AM	11:45 AM	Drilling Systems	Technology Development and Field Trials of EGS Drilling Systems	Steve Knudsen, Sandia National Laboratories	11:15 AM	11:45 AM	Modeling	FRACSTIM/I: An Integrated Fracture Stimulation and Reservoir Flow and Transport Simulator	Rob Podgorney, Idaho National Laboratory
11:45 AM	12:15 PM	Geophysics	Spectral SP: A New Approach to Mapping Reservoir Flow and Permeability	Donald Thomas, University of Hawaii	11:45 AM	12:15 PM	Drilling Systems	Deep Geothermal Drilling using Millimeter Wave Technology	Kenneth Oglesby, Impact Technologies, LLC	11:45 AM	12:15 PM	Modeling	Innovative computational tools for reducing exploration risk through integration of water-rock interactions and magnetotelluric surveys	Joseph Moore, University of Utah
12:15 PM	1:30 PM	Ballroom C&D	LUNCH Air-Cooled Condensers in Next-Generation Conversion Systems	Greg Mines, Idaho National Laboratory	12:15 PM	1:30 PM	Ballroom C&D	LUNCH Air-Cooled Condensers in Next-Generation Conversion Systems	Greg Mines, Idaho National Laboratory	12:15 PM	1:30 PM	Ballroom C&D	LUNCH Air-Cooled Condensers in Next-Generation Conversion Systems	Greg Mines, Idaho National Laboratory
1:30 PM	2:00 PM	Geophysics	Great Basin Center for Geothermal Energy (I\IV)	Wendy Calvin, University of Nevada, Reno	1:30 PM	2:00 PM	Drilling Systems	Evaluation of Emerging Technology for Geothermal Drilling Applications	Doug Blankenship, Sandia National Laboratories					
2:00 PM	2:30 PM	Geophysics	Development of a low cost method to estimate the seismic signature of a geothermal field from ambient seismic noise analysis	lleana Tibuleac, University of Nevada, Reno	2:00 PM	2:30 PM	Drilling Systems	Directional Measurement-While-Drilling System for Geothermal Applications; High Temperature 300°C Directional Drilling System	Jochen Schnitger, Baker Hughes Oilfield Operations Incorporated	1:30 PM	3:00 PM	Big Thompson	Induced Seismicity Potential in Energy Technologies	Jay Nathwani, DOE
2:30 PM	3:00 PM	Geophysics	Indentification of Hidden, High-Enthalpy Geothermal Systems in Extensional Regimes Through an Exploration Technology Paradigm Incorporating Magnetotellurics, Soil Gas Geochemisty and Structural Analysis	Phillip Wannamaker, University of Utah	2:30 PM	3:00 PM	Drilling Systems	Auto-Indexer for Percussive Hammers	Jiann Su, Sandia National Laboratories					
3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK	
3:15 PM	3:45 PM	Geochemistry	Advances in Hydrogeochemical Indicators for the Discovery of New Geothermal Resources in the Great Basin, USA	Stuart Simmons, Colorado School of Mines	3:15 PM	3:45 PM	Materials	Self-Degrading Temporary Cementation Sealers	Toshi Sugama, Brookhaven National Laboratory					
3:45 PM	4:15 PM	Geochemistry	Novel Coupled Thermochronometric and Geochemical Investigation of Blind Geothermal Resources in Fault- Controlled Dilational Corners, Dixie Valley, Nevada	Daniel Stockli, University of Texas at Austin	3:45 PM	4:15 PM	Materials	Development of an Improved Cement for Geothermal Wells	George Trabits, Trabits Group, LLC					
4:15 PM	4:45 PM	Geochemistry	Improved Geothermometry Through Multivariate Reaction Path Modeling and Evaluation of Geomicrobiological Influences on Geochemical Temperature Indicators	Craig Cooper, Idaho National Laboratory	4:15 PM	4:45 PM	Materials	Corrosive Resistant Foam Well-Costing Cement Composites	Toshi Sugama, Brookhaven National Laboratory					
4:45 PM	5:15 PM	Geochemistry	The Viability of Sustainable, Self-Propping Shear Zones in Enhanced Geothermal Systems: Measurement of Reaction Rates at Elevated Temperatures	Susan Carroll, Lawrence Livermore National Laboratory										



4/22-4/25 2013 Peer Review Agenda

Location
Renaissance Denver Hotel
3801 Quebec Street
Denver, CO 80207
(303) 399 7500

		Thu	rsday Thursday Thursday Thursda	y Thursday	Thursda	y Th	ursday	Thursday Thursday Thursday Thurs	sday Thursday	Thui	rsday	Thursday	Thursday Thursday Thursday	
			TRACK 1 - Ballroom A					TRACK 2 - Ballroom B	_				TRACK 3 - Big Thompson	_
8:00 AM	9:00 AM		Presentation CONTINENTAL BREAKFAST	Presenter	8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST	Presenter	Start 8:00 AM	9:00 AM	Panel Ballroom C&D	Presentation CONTINENTAL BREAKFAST	Presenter
			Effects of volcanism, crustal thickness, and large scale faulting on the development and evolution of geothermal systems: Collaborative project in Chile	Patrick Dobson, Lawrence Berkeley National Laboratory			Zonal Isolation	High Temperature, High Pressure Devices for Zonal Isolation in Geothermal Wells	Paul Fabian, Composite Technology Development, Inc.					
9:30 AM	10:00 AM	Geochemistry	Methodologies for Reservoir Characterization Using Fluid Inclusion Gas Chemistry	Lorie Dilley, Hattenburg, Dilley, and Linnell, LLC	9:30 AM	10:00 AM	Zonal Isolation	Self Consuming Downhole Packer	Mark Grubelich, Sandia National Laboratories	9:00 AM	10:30 AM	Big Thompson	DOE EGS Closed Door Meeting	Greg Stillman, DOE
10:00 AM			Optimizing parameters for predicting the geochemical behavior and performance of discrete fracture networks in geothermal systems	Alexandra Hakala, National Energy Technology Laboratory	10:00 AM		IMHR	Geothermal Resource Development with Zero Mass Withdrawal, Engineered Convection, and Wellbore Energy Conversion	Christopher White, LA State Univ.					
10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK		10:30 AM	10:45 AM	Foyer	BREAK	
					10:45 AM	12:15 PM	Ballroom B	Geothermal Regulatory Roadmap closed door meeting	Tom Williams, National Renewable Energy Laboratory	10:45 AM	12:15 PM	Big Thompson	DOE EGS Closed Door Meeting	Greg Stillman, DOE
12·15 PM	1:30 PM	Ballroom C&D	LUNCH	Kate Young, National Renewable Energy	12·15 PM	1:30 PM	Ballroom C&D	LUNCH	Kate Young, National Renewable Energy	12:15 PM	1:30 PM	Ballroom C&D	LUNCH	Kate Young, National Renewable Energy
777777777777	1.30 FW	Baill COIL COD	Geothermal Data on OpenEl	Laboratory	12.13 FW	1.30 FIVI	Ballioolli CQD	Geothermal Data on OpenEl	Laboratory	12.13 FIVI	1.30 FIVI	Baill COIII COD	Geothermal Data on OpenEl	Laboratory
										1:30 PM		Big Thompson	DOE EGS Closed Door Meeting	Greg Stillman, DOE
3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK		3:00 PM	3:15 PM	Foyer	BREAK	
										3:15 PM	5:00 PM	Big Thompson	DOE EGS Closed Door Meeting	Greg Stillman, DOE



Location **Renaissance Denver Hotel** 3801 Quebec Street **Denver, CO 80207**

(303) 399 7500

print date 04/10/13

Other Working Groups and Meetings

Date	Start - End	Event	Host, Organization	Location						
TUESDAY 4/23/2013										
	1:30 PM - 3:00 PM	Tracers Working Group	Bill Vandermeer, DOE	Platte River Room						
WEDNESDAY 4/24/2013										
	4.00 AM = 17.12 AM	Exploration Best Practices on OpenEI Registration @ http://geoexpbestpractices.eventbrite.com/#	Kate Young, National Renewable Energy Laboratory	Vail Room						
	2:00 PM - 4:00 PM	Tour of NREL Facilities Contact: Stacee Foster, stacee.foster@nrel.gov	Tom Williams, National Renewable Energy Laboratory	Offsite at NREL facility						
THURSDAY 4/25/2013										
	1	DOE Geothermal Technologies Office - Tour of NREL Facilities GTO Employees Only	Tom Williams, National Renewable Energy Laboratory	Offsite at NREL facility						