

	<b>TRANSFORMATIONAL POWER GENERATION</b> <b>TUESDAY APRIL 21</b>		
	<b>Organization</b>	<b>PI</b>	<b>Title</b>
<b>7:00 AM</b>	<b>REGISTRATION AND BREAKFAST</b>		
<b>7:30 AM</b>			
<b>8:00 AM</b>	<b>KEYNOTES</b>		
<b>8:30 AM</b>			
<b>9:00 AM</b>			
<b>9:30 AM</b>			
<b>10:00 AM</b>	<b>BREAK</b>		
	<b>Improvements for Existing Plants</b>		
<b>10:30 AM</b>	GE Steam Power, Inc.	Stanley Boguszewski	Extended Low Load Boiler Operation to Improve Performance and Economics of an Existing Coal Fired Power Plant
<b>11:00 AM</b>	Opto-Knowledge Systems, Inc.	Jason Kriesel	Mid Infra-Red Laser Sensor for Continuous Sulfur Trioxide Monitoring to improve Coal-Fired Power Plant Performance During Flexible Operations
<b>11:30 AM</b>	Microbeam Technologies, Inc.	Shuchita Patwardhan	Improving Coal Fired Plant Performance through Integrated Predictive and Condition-Based Monitoring Tools
<b>NOON</b>	<b>LUNCH</b>		
	<b>Improvements for Existing Plants</b>		
<b>1:00 PM</b>	University of Maine System	Mauricio Pereira da Cunha	Technology Maturation of Wireless Harsh-Environment Sensors for Improved Condition-Based Monitoring of Coal-Fired Power Generation
<b>1:30 PM</b>	West Virginia University Research Corporation	Xingbo Liu	High Temperature Electrochemical Sensors for In-Situ Corrosion Monitoring in Coal-Based Power Generation Boilers
<b>2:00 PM</b>	Reaction Engineering International	Marc Cremer	Combustion Performance and Emissions Optimization Through Integration of a Miniaturized High-Temperature Multi Process Monitoring System
<b>2:30 PM</b>	University of Utah	Mikhail Skliar	Ultrasonic Measurements of Temperature Profile and Heat Fluxes in Coal-Fired Power Plants
<b>3:00 PM</b>	<b>BREAK</b>		
	<b>Improvements for Existing Plants</b>		
<b>3:30 PM</b>	Electric Power Research Institute, Inc.	Kent Coleman	Integrated Boiler Management through Advanced Condition Monitoring and Component Assessment
<b>4:00 PM</b>	Electric Power Research Institute, Inc.	Horst Hack	Evaluation of Steam Cycle Upgrades to Improve the Competitiveness of U.S. Coal Power Plants
<b>4:30 PM</b>	Oceanit Laboratories, Inc.	Matthew Nakatsuka	Advanced Anti-Fouling Coatings to Improve Coal-Fired Condenser Efficiency
<b>5:00:00 PM - 7:30 PM</b>	<b>POSTER SESSION</b>		

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<b>7:00 AM</b>	<b>REGISTRATION AND BREAKFAST</b>		
<b>7:30 AM</b>			
<b>8:00 AM</b>			
<b>8:30 AM</b>			
<b>9:00 AM</b>			
<b>9:30 AM</b>			
<b>10:00 AM</b>	<b>BREAK</b>		
<b>10:30 AM</b>			
<b>11:00 AM</b>			
<b>11:30 AM</b>			
<b>NOON</b>	<b>LUNCH</b>		
	<b>TRANSFORMATIONAL POWER GENERATION WEDNESDAY APRIL 22</b>		
<b>1:00 PM</b>	NETL	NETL SEA/EMAT/E PAT	Scenarios of Future Implications for Existing and new Coal Plants or Flexible Coal Plants - Baseline Study
<b>1:30 PM</b>	NETL	Zitney	Dynamic Power Plant Modeling for Flexible Operations
<b>2:00 PM</b>	NETL	Guenther	Boiler Modeling for Flexible Operations
<b>2:30 PM</b>	NETL	Shadle	Online System ID for Predicting Power Plant Performance Throughout Cycling Operations
<b>3:00 PM</b>	<b>BREAK</b>		
	<b>Chemical Looping Combustion &amp; Pressure Gain Combustion</b>		
<b>3:30 PM</b>	University of Utah	Kevin J. Whitty	Development of Enabling Technologies for Chemical Looping Combustion and Chemical Looping with Oxygen Uncoupling
<b>4:00 PM</b>	University of North Dakota Energy and Environmental Research Center (UNDEERC)	Junior Nasah	Low-Cost and Recyclable Oxygen Carrier and Novel Process for Chemical Looping Combustion
<b>4:30 PM</b>	University of Central Florida	Dr. Kareem Ahmed	Advanced Cost-Effective Coal-Fired Rotating Detonation Combustor for High Efficiency Power Generation

<b>TRANSFORMATIONAL POWER GENERATION THURSDAY APRIL 23</b>			
	<b>Organization</b>	<b>PI</b>	<b>Title</b>
<b>7:00 AM</b>	<b>REGISTRATION AND BREAKFAST</b>		
<b>7:30 AM</b>			
	<b>Oxy-combustion</b>		
<b>8:00 AM</b>	Southwest Research Institute (SwRI)	Joshua Schmitt	Flameless Pressurized Oxy-Combustion Large Pilot Design, Construction, and Operation
<b>8:30 AM</b>	Southwest Research Institute (SwRI)	Joshua Schmitt	Particle Separator for Improved Flameless Pressurized Oxy-Combustion
<b>9:00 AM</b>	Brigham Young University	Dr. Bradley Adams	Development of Enabling Technologies for a Pressurized Dry Feed Oxy-Coal Reactor
<b>9:30 AM</b>	University of Texas at El Paso	Dr. Ahsan Choudhuri	Technology Demonstration of a High Pressure Swirl Oxy-Coal Combustor
<b>10:00 AM</b>	<b>BREAK</b>		
	<b>Oxy-combustion</b>		
<b>10:30 AM</b>	University of Illinois at Urbana-Champaign	Yongqi Lu	Catalytic Removal of Oxygen and Pollutants in Exhaust Gases from Pressurized Oxy-Combustors
<b>11:00 AM</b>	Reaction Engineering International	Kevin Davis	Characterizing Impacts of Dry Coal Feeding in High Pressure Oxy-Coal Combustion Systems
<b>11:30 AM</b>	TDA Research, Inc.	Gokhan Alptekin	Oxy-Combustion System Process Optimization
<b>NOON</b>	<b>LUNCH</b>		
<b>1:00 PM</b>			
<b>1:30 PM</b>			
<b>2:00 PM</b>			
<b>2:30 PM</b>			
<b>3:00 PM</b>	<b>BREAK</b>		
<b>3:30 PM</b>			
<b>4:00 PM</b>			
<b>4:30 PM</b>			