

Agenda

2016 DOE/CSP Program Summit San Diego Marriott Del Mar Hotel - San Diego, CA



Tuesday - April 19th									
8:00 - 8:30	Continental Breakfast								
8:30 - 9:10	Opening Plenary Session - Chair Joe Stekli, DOE								
	Joe Stekli			US Department of Energy			CSP Program Overview		
	Mark Mehos			National Renewable Energy Laboratory			CSP Market Analysis		
9:10 - 10:00	CSP Industry Panel - Moderated by Dave Kearney, KA Solar								
	Bill Gould			Solar Reserve			Chief Technical Officer		
	Joe Desmond			Brightsource Energy			Senior VP Marketing & Government Affairs		
	Hank Price			Abengoa			Former Chief Technical Officer		
10:00 - 10:20	Break								
10:20 - 11:10	SW Utility Panel - Moderated by Hank Price, Solar Dynamics								
	Chico Hunter			Salt River Project			R&D Program Manager		
	Kevin Geraghty			NV Energy			VP Energy Supply		
	Ron Kent			SoCal Gas			Advanced Technology Strategy & Development		
11:10 - 12:00	CA Market Panel - Moderated by Fred Morse, Morse Associates								
	Shucheng Liu			California Independent System Operator			Principal Market Development		
	John White			Center for Energy Efficiency & Renewable Tech			Executive Director		
12:00 - 1:00	Lunch								
1:00 - 3:00	Technology Plenary Session - Chair Mark Lausten, DOE								
	Craig Turchi			National Renewable Energy Laboratory			CSP Technology Focus: sCO2 Power Block		
	Mark Lausten			US Department of Energy			Three Pathways to SunShot Goal		
	Shawn Sullivan / Ragaiy Zidan			Brayton Energy / Savannah River National Lab			Direct sCO2 and Chemical Thermal Energy Storage		
	Perry Li			University of Arizona			Molten Chloride Salt as Heat Transfer Fluid		
	Cliff Ho			Sandia National Laboratories			Falling Particle Receiver		
	Jeff Moore			Southwest Research Institute			Gas Turbo-Expander & HX for sCO2		
3:00 - 3:20	Break								
3:20 - 5:00	Sungtaek Ju			University of California Los Angeles			Metal Heat Transfer Fluid		
	Steve Obrey			Los Alamos National Laboratory			High Temp Thermal Array		
	Andrea Ambrosini			Sandia National Laboratories			Metal Oxides for Thermochemical Energy Storage		
	Santosh Gangwal			Southern Research Institute			Carbonate/Silicate Thermochemical Energy Storage		
	Dileep Singh			Argonne National Laboratory			Latent Heat Thermal Energy Storage		
5:00 - 7:00	Poster Session - Social								
Wednesday - April 20th									
8:00 - 8:30	Continental Breakfast								
8:30 - 9:30	Opening Plenary Session - Chaired by Avi Shultz, DOE								
	Joe Desmond			Brightsource Energy			CSP Project Updates		
	Bill Gould			Solar Reserve					
	Hank Price			Abengoa					
	Ron Kent			SoCal Gas			Non-Electric CSP Options		
9:30 - 9:40	Break								
9:40 - 12:00	3 Separate Tracks - Individual Project Updates/Barriers/Research Priorities/Q&A								
	Collectors (Structures)- Chair Andru Prescod, DOE			Facilities / O&M / Analysis- Chair Avi Shultz, DOE			Power Cycle / Heat Exchanger- Chair Rajgopal Vijay, DOE		
	Stettenheim	Norwich	Trough Receiver Mfg	Shinde	SNL	CSP Test Facilities	Thatte	GE	sCO2 Modeling
	Obrey	LANL	Heat Pipe Receiver	Wagner	NREL	CSP O&M	Ertas	GE	sCO2 System Design
	Gleckman	Sunvapor	GPT Collector	Turchi	NREL	CSP System Analysis	Wilkes	SWRI	sCO2 Compress-Expand
	Mungas	Hyperlight	Linear Fresnel Reflector	Larsen	NREL	Adv Reflector Modeling	Wegeng	PNNL	Thermochemical Hybrid
	Caruso	Brayton	MS Flex Pipe Coupler	Glatzmeir	NREL	Hydrogen Removal	Anderson	Wisconsin	sCO2 Advanced HX
	Ganapathi	JPL	Lightweight Heliostat	Harsh	Sporian	Molten Salt Sensors	Ho	SNL	sCO2 Particle HX
							Sandhage	Purdue	sCO2 800°C HX
12:00 - 1:00	Lunch								
1:00 - 3:20	Collectors (Reflectors)- Chair Andru Prescod, DOE			Receivers- Chair Rajgopal Vijay , DOE			Storage / Corrosion- Chair Matthew Bauer, DOE		
	Balogopal	Ceramatec	Sodium Ion Power Block	Ho	SNL	Fractal Receiver Design	Obrey	LANL	Bin-Metal Chalcogenide
	Mazumder	Boston	Self Cleaning Screens	Wagner	NREL	Direct s-CO2 Receiver	Jackson	CSM	Redox-Stable Perovskites
	Datkos	ORNL	Self Cleaning Coatings	Drost	Oregon	Microchannel Receiver	Lavine	UCLA	Anhydrous Ammonia
	Dhar	Agira	Flat Optical Collector	Wait	SolarReserve	Flow Channel Ceramic	Andraka	SNL	Dish Stirling Storage
	Toussaint	Illinois	Planar Focusing Collector	Ambrosini	SNL	Tower Selective Coating	Garcia	SRNL	MS Corrosion Studies
	DiDomenico	Giant Leap	Microfluidic Light Steering	Liu	Dartmouth	Cermet Selective Absorber	Gomez	NREL	Protective Coatings
	Kante	UCSD	Planar Dielectric Metasurf	Elam	ANL	Refractory Selective Coat	Pint	ORNL	Lifetime Models sCO2
3:20 - 3:40	Break								
3:40 - 5:00	Summary Report Out from Each Group								
	DOE Chairs			US Department of Energy			Report out for each of the 6 breakout sessions		
	Joe Stekli			CSP Program Manager			Closing Remarks		