

2012 University Turbine Systems Research Workshop

Co-Hosted by the U.S. Department of Energy & University of California at Irvine

October 2 – 4, 2012
AGENDA AT-A-GLANCE

Day/Time	Track 1 – Conference Theater	Track 2 – Salon B	Track 3 – Trabuco
Tues, 7:30am	Registration / Continental Breakfast – Grand Foyer B		
Tues, 8:30am	Welcome and Introduction – Salon A Gregory Washington, University of California at Irvine		
Tues, 8:50am	H ₂ Turbine Development for IGCC with CCS – Project Overviews and Technical Issues Roger Schonewald, GE Power & Water, and John Marra, Siemens Energy		
Tues, 10:20am	Coffee Break – Grand Foyer B		
Tues, 10:35am	DOE FE Hydrogen Turbine Program Overview, Richard Dennis, NETL		
Tues, 11:00am	South Coast AQMD's Gas Turbine Experience-Regulations and Operations, Mohsen Nazemi South Coast Air Quality Management District		
Tues, 12:00pm	Lunch – Terrace Court		
Tues, 1:00pm	Overview of Energy R&D at the University of California Irvine, Scott Samuelson, University of California at Irvine		
Tues, 1:30pm	Coffee Break – Grand Foyer B		
Tues, 1:45pm	Comb: Penn State University, D. Santavicca & T. Lieuwen, Georgia Tech	Aero: Purdue/Ames Laboratory, T. Shih	Matls: Stony Brook University, S. Sampath
Tues, 2:35pm	Comb: Texas A&M University E. Petersen	Aero : Ohio State University, J. Bons	Matls: NETL, M. Alvin
Tues, 3:45pm	Lab Tour – University of California at Irvine		
Tues, 6:00 pm	Poster Session/Reception – Grand Foyer B		
Wed, 7:00am	Registration / Continental Breakfast – Grand Foyer B		
Wed, 8:15am	Future Trends in Gas Turbine Development - OEM Panel , W. Day – Salon A		
Wed, 9:45am	Coffee Break – Grand Foyer B		
Wed, 10:00am	Comb: University of Texas at Austin, V. Raman	Aero: Texas A&M, M. Schobeiri	Matls: University of Texas at El Paso, C. Ramana
Wed, 10:50am	Comb: University of Michigan, M. Wooldridge	Aero: University of North Dakota, F. Ames	Matls: Southern University and A&M College, S. Yang
Wed, 11:40am	Comb: Purdue University, R. Lucht	Aero: University of Texas at Austin, D. Kistenmacher, & Penn State University A. Mensch	Matls: University of Pittsburgh, B. Gleeson
Wed, 12:30pm	Lunch – Terrace Court		
Wed, 1:30pm	Unconventional Natural Gas: An LCA With a Conventional Answer – James Littlefield, Booz Allen Hamilton		
Wed, 2:20pm	Comb : University of Michigan, M. Ihme	Aero: NETL, D. Straub	Matls: University of Connecticut, E. Jordan
Wed, 3:10pm	Comb : Georgia Tech, T. Lieuwen	Aero: Penn State University K. Thole	Matls : Tennessee Technological University, Y. Zhang
Wed, 4:00pm	Coffee Break – Grand Foyer B		
Wed, 4:15pm	Combustion R&D Status Facilitated Discussion –	Aero R&D Status Facilitated Discussion –	Materials R&D Status Facilitated Discussion –
Wed, 6:00pm	Workshop Dinner – Grid Ramifications: The Future of Plug-In Vehicles – Tim Brown, UCI Salon A		
Thur, 7:30am	Registration / Continental Breakfast – Grand Foyer B		
Thur, 8:30am	The UTSR Impact: Key Accomplishments, Benefits to OEMs and Status of Fellowship W. Day, Leonardo Technologies, Inc. – Salon A		
Thur, 9:00am	Comb : University of California at Irvine, V. McDonell	Aero: Florida Turbine Tech. Inc., J. Downs	Matls: University of North Dakota, M. Cavalli
Thur, 10:00am	Comb: Penn State University, R. Santoro	Matls: University of California at Irvine, D. Mumm	Matls: Oak Ridge National Laboratory, B. Pint
Thur, 11:00am	Coffee Break – Grand Foyer B		

Thur, 11:15am	Open Discussion and Workshop Summary (Including updates from Breakout Sessions on Day 2) w/ Box lunch – H. Quedenfeld, U.S. Department of Energy, National Energy Technology Laboratory - Salon A
Thur, 12:00pm	Closing Comments and Wrap-Up – Salon A
Thur, 12:30pm	Adjourn