2015 University Turbine Systems Research Workshop

Co-Chairs
- Tim Lieuwen; GA Tech
- Rich Dennis; U.S. DOE NETL
• **Advance the goals of the FE Advanced Turbine (AT) Program**
  – Advance these goals by reviewing key AT program projects
  – Three key technology areas for the AT program:
    • Advanced Combustion turbines for 65 % CC efficiency
    • Turbomachinery for SCO2 power cycles
    • Pressure gain combustion

• **Workshop theme: Advanced Manufacturing for Gas Turbines**
  – Use advanced manufacturing technology to realize program goals
Panels and Key Note Speakers
Supporting the Workshop Theme: Advanced Manufacturing for Gas Turbines

- **Panel: OEM Perspectives on Advanced Manufacturing Technology**
  - Bryan Dods - GE Power & Water
  - Allister James - Siemens Energy
  - Bob Provitola - Mitsubishi Hitachi Power Systems Americas
  - Bill Brindley – Pratt & Whitney
  - Karl Wygant - Samsung Techwin America
  - David Teraji - Solar Turbines

- **Panel: Developers and Practitioners of Advanced Manufacturing Technology**
  - Mike Aller - Energy Florida / CAPE Project
  - Tim Simpson - Innovative Materials Proc. through Direct Digital Deposition, PSU
  - Bruce Pint – Oak Ridge National Laboratory
  - Suman Das – Director Direct Digital Manufacturing Laboratory, GA Tech
  - Sanjay Sampath – Dir. Thermal Spray Research, Stony Brook University

- **Key Note**
  - Thomas Kurfess - Chair in Fluid Power and Motion Control, GA Tech

- **Dinner Speaker**
  - David Garrison – VP-Engineering, Quality and Planning, Delta Airlines
Upcoming Events

EPRI INTERNATIONAL CONFERENCE ON CORROSION IN POWER PLANTS
October 13 – 15, 2015 • Hilton Mission Bay • San Diego, California USA

NETL-EPRI WORKSHOP ON HEAT EXCHANGERS FOR SUPERCritical CO₂ POWER CYCLES
October 15, 2015 • Co-located with EPRI International Conference on Corrosion in Power Plants

2015 UNIVERSITY TURBINE SYSTEMS RESEARCH WORKSHOP
November 3-5, 2015
Georgian Terrace Hotel, Atlanta, Georgia

NETL | U.S. Department of Energy | Office of Fossil Energy | National Energy Technology Laboratory | Georgia Institute of Technology

EPRI | Electric Power Research Institute

TURBO EXPO
Turbomachinery Technical Conference & Exposition
Presented by the ASME International Gas Turbine Institute
CONference June 13 - 17, 2016 EXHIBITION June 14 - 16, 2016
COEX Convention & Exhibition Center, Seoul, South Korea

The 5th International SuperCritical CO₂ Power Cycles Symposium
will be held
March 29 to 31, 2016
in
San Antonio, Texas

Click to add references
It’s All About a Clean, Affordable Energy Future

For More Information, Contact NETL

the ENERGY lab
Delivering Yesterday and Preparing for Tomorrow