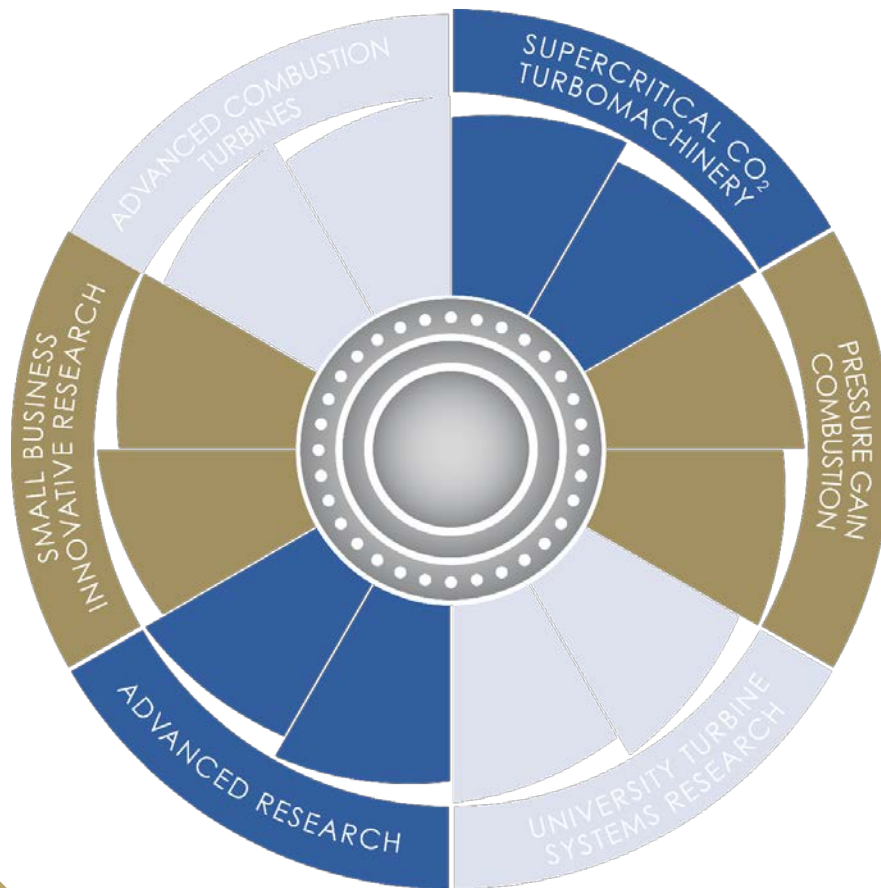


Welcome to the 2018 UTSR Project Review Meeting



Synergistic Research Between DOE, DOD, and NASA



Rich Dennis
U.S. Department of Energy
National Energy Technology
Laboratory
October 30, 2018
*Embry-Riddle Aeronautical University,
Daytona Beach, FL*

2018 UTSR Project Review Meeting

Conference Theme: Synergistic research between DOE, DOD, and NASA



Keynote Speakers

- Robert Hancock, AFRL

Overview of Air Force Turbine Engine Research and Development

- Jeff Moore, Southwest Research Institute

Overview of sCO₂ Development Activities at Southwest Research Institute

- Krishan Luthra, GE Global Research Center

History of Development and Commercialization of Structural Ceramics for Industrial Gas Turbines and Aircraft Engines at GE

- Klaus Brun, Southwest Research Institute

Overview of the US NG Distribution System and Compressor Stations

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Technical Panels

- **Pressure Gain Combustion R&D (Tuesday, 10:45 AM)**

- Don Ferguson, US DOE NETL
- Chris Greene, UTRC
- Adam Holley, AFRL East
- Keith McManus, GE GRC
- Guillermo Paniagua, Purdue University
- Eric Paulson, AFRL West

- **Ceramic Materials for Gas Turbines: CMC R&D Programs Across Federal Agencies**

- Joseph Grady, NASA Glenn
- Allan P. Katz, AFRL
- Edgar Lara-Curzio, ORNL
- Anindya Ghoshal US ARL

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Technical Tracks

- 2 1/2 days of technical tracks: Combustion, Aero/Heat Transfer, Materials, Pressure Gain Combustion, and Supercritical CO₂

Reception and Poster Session Sponsored by Embry-Riddle University

- Tonight (Oct 30) at 5:30; Crystal Room
- Connect with your peers

Embry-Riddle College R&D Facility Tour

- Join us back at the end of the second day (Oct 31) at 5:15 for a tour of the Embry-Riddle College of Engineering Research Facility including the New Wind Tunnel and Eagle Flight Research Center

Thank you for attending, enjoy the conference!