

Tuesday, November 12th

10:00 AM Key Note

Scott Nelson, Rolls-Royce, Brazing – Bridging the Gap in Turbine Repair Technologies

11:00 AM Rob Kornfeld, Hi-Tech Furnace Systems, Inc., Dual Base Fluoride Ion Cleaning (FIC) / Vapor Phase Aluminizing system for gas turbine superalloy component repair and coating applications

11:30 AM Lunch

1:30 PM Dr Warren Miglietti, Prince and Izant, Brazing

2:15 PM Dr Ben Schneiderman, Colorado School of Mines, High Ductile Multi-Principal Element Alloy Fillers Designed for Brazing Temperatures Compatibility with Turbine Components with FCC Solid Solutions Microstructures.

3:00 PM Brian Frazer, AimMRO, Implications of Aluminide Coating on adjacent brazed joints

Wednesday, November 13th

9:00 AM Key Note

Paolo Mor, Flame Spray, Coatings, Design to Manufacturing to Application

10:00 AM Francois Leroy, Aimtek, Making silicone masking part of the thermal spray process

10:30 AM Break - Coffee

11:00 AM Kent Van Evry, Progressive Surface, Automated Robot Tool Adjustment to Improve Coating Accuracy

11:45 AM Dr Brad Richards, Powders on Demand, Advanced cold spray carbide coating

12:30 PM Lunch

2:00 PM Christopher Estrada, Curtiss-Wright, Development of Optimal hard-face Coatings

2:45 PM Jorge Gerena, Cincinnati Thermal Spray, Process and Property Study of Thermal Spray TBC for Industrial Gas Turbines

3:30 PM Alan Burgess, Spraywerx Technology, ID-Nova HVOF and Warm Spray Technology

4:15 PM Dr Joshua Boykin, Rem Surface Engineering, Internal and External Surface Finishing of metal Additively Manufactured Components for Enhanced Performance

5:00 PM Turbine Forum Event Party hosted by Prince and Izant

Thursday, November 14th

9:00 AM Key Note

Dr Gerald Buck, Siemens Energy, Siemens Innovations in Turbine Welding

10:00 AM Tim Stotler, EWI, Low Friction Welding

10:30 AM Jacob Hay, EWI, Laser DED Deposition Models and Planning for Component Repair

10:30 AM Break - Coffee

11:00 AM Dr Raul Munoz Arroyo, ITP Aero, Enhance Durability against wear through Low-Heat Input Repair Technology

11:30 AM Dr Eswar Yarrapareddy, United Laser Cladding, Laser Additive Manufacturing in Turbine, Oil and Gas Industries

Noon Dr Dmitri Novikov, IPG, Novel Laser Tools for Manufacturing: cleaning and heat treating

12:30 PM Lew Finch, Phoenix Laser Solutions. Comparing Laser Welding to Convention Welding for Turbomachinery Repairs