

AGENDA

FY14 Solid Oxide Fuel Cells Peer Review

April 16 – 18, 2014

**Sheraton Station Square
Pittsburgh, PA**

Wednesday, April 16, 2014 – Waterfront Room

- 7:00 – 8:00 a.m. **Registration – Admiral Foyer**
- 8:00 – 9:00 a.m. **Peer Review Panel Kick-Off Meeting**
Open to National Energy Technology Laboratory (NETL) and
ASM International staff only
- Review of ASM International Process – Stanley C. Theobald, ASM International
 - Role of ASM International Panel Chair – Ravi Prasad, Helios-NRG, LLC
 - Peer Review Process Overview – David Wildman, Leonardo Technologies, Inc. (LTI)
 - Meeting Logistics – David Wildman, LTI
- 9:00 – 9:15 a.m. **Technology Manager and Panel Q&A** Open to NETL and ASM International staff only
- Solid Oxide Fuel Cells Technology Manager – Shailesh Vora, NETL
- 9:15 – 9:30 a.m. **BREAK**
- 9:30 – 10:15 a.m. **Office of Program Performance & Benefits (OPPB) Support to the Solid Oxide Fuel
Cells Program – Overview**
Dale Keairns, Booz Allen Hamilton
Kristin Gerdes, National Energy Technology Laboratory
- 10:15 – 10:35 a.m. Q&A/Discussion
- 10:35 – 11:20 a.m. **01 – Project # OPPB/BD-1 – Assessment of Market Potential for Fuel Cells in Distributed
Generation Applications**
Dale Keairns, Booz Allen Hamilton
Kristin Gerdes, National Energy Technology Laboratory
- 11:20 – 11:40 a.m. Q&A/Discussion
- 11:40 – 12:45 p.m. **Lunch (on your own)**
- 12:45 – 1:15 p.m. **02 – Project # FE0009675 – Fundamental Understanding of Oxygen Reduction and
Reaction Behavior and Developing High Performance and Stable Cathodes**
Xingbo Liu, West Virginia University Research Corporation
- 1:15 – 1:45 p.m. Q&A
- 1:45 – 3:00 p.m. Discussion
- 3:00 – 3:15 p.m. **BREAK**

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- 3:15 – 3:45 p.m. **03 – Project # FWP-2012.03.04 Tasks 1 and 2 – NETL-RUA Fuel Cells Initiative: Task 1, Cell and Stack Degradation; Task 2, Cathode Materials and Microstructural Engineering**
Kirk Gerdes, National Energy Technology Laboratory
- 3:45 – 4:15 p.m. Q&A
- 4:15 – 5:30 p.m. Discussion

Thursday, April 17, 2014 – Waterfront Room

- 7:00 – 8:00 a.m. **Registration – Admiral Foyer**
- 8:00 – 8:30 a.m. **04 – Project # FWP-40552 – SECA Core Technology Program**
Jeff Stevenson and Brian Koepfel, Pacific Northwest National Laboratory
- 8:30 – 9:00 a.m. Q&A
- 9:00 – 10:15 a.m. Discussion
- 10:15 – 10:30 a.m. **BREAK**
- 10:30 – 11:00 a.m. **05 – Project # FE0011769 – Solid Oxide Fuel Cell Power System Development**
Rick Kerr, Delphi Automotive Systems, LLC
- 11:00 – 11:45 a.m. Q&A
- 11:45 – 1:00 p.m. Discussion
- 1:00 – 2:00 p.m. **Lunch (on your own)**
- 2:00 – 2:30 p.m. **06 – Project # FE0012077 – SECA Coal-Based Systems**
Richard W. Goettler, LG Fuel Cell Systems, Inc.
- 2:30 – 3:15 p.m. Q&A
- 3:15 – 4:30 p.m. Discussion

Friday, April 18, 2014 – Waterfront Room

- 7:00 – 8:00 a.m. **Registration – Admiral Foyer**
- 8:00 – 8:30 a.m. **07 – Project # FE0011691 – SOFC Systems with Improved Reliability and Endurance**
Hossein Ghezeli-Ayagh, FuelCell Energy, Inc.
- 8:30 – 9:15 a.m. Q&A
- 9:15 – 10:30 a.m. Discussion
- 10:30 – 10:45 a.m. **BREAK**
- 10:45 – 12:15 p.m. **Wrap-up Session**