

AGENDA

FY14 Advanced Combustion Systems Peer Review

May 19 – 20, 2014

**Sheraton Station Square
Pittsburgh, PA**

Monday, May 19, 2014 – Ellwood I & II

- 7:30 – 8:30 a.m. **Registration – 2nd Floor Foyer**
- 8:30 – 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
- Advanced Combustion Systems Technology Manager – Richard Dennis, NETL
- 9:15 – 9:30 a.m. **BREAK**
- 9:30 – 10:00 a.m. **01 – Project # NT43088 – Recovery Act: Oxy-combustion Oxygen Transport Membrane
Development**
Sean Kelly, Praxair, Inc.
- 10:00 – 10:45 a.m. Q&A
10:45 – 12:00 p.m. Discussion
- 12:00 – 1:00 p.m. **Lunch (on your own)**
- 1:00 – 1:30 p.m. **02 – Project # FE0009448 – Oxy-Fired Pressurized Fluidized Bed Combustor Development
and Scale-up for New and Retrofit Coal-Fired Power Plants**
Mark Fitzsimmons and William Follett, Aerojet Rocketdyne
- 1:30 – 2:15 p.m. Q&A
2:15 – 3:30 p.m. Discussion
- 3:30 – 3:45 p.m. **BREAK**
- 3:45 – 4:15 p.m. **03 – Project # FE0009702 – Staged, High-Pressure Oxy-Combustion Technology:
Development and Scale-up**
Richard Axelbaum and Ben Kumfer, Washington University in St. Louis
- 4:15 – 4:45 p.m. Q&A
4:45 – 6:00 p.m. Discussion

Tuesday, May 20, 2014 – Ellwood I & II

7:00 – 8:00 a.m.	Registration – 2nd Floor Foyer
8:00 – 8:30 a.m.	04 – Project # FE0009484 – Alstom's Chemical Looping Combustion Technology with CO ₂ Capture for New and Retrofit Coal-Fired Power <i>Herbert E. Andrus, Jr., Alstom Power, Inc.</i>
8:30 – 9:15 a.m.	Q&A
9:15 – 10:30 a.m.	Discussion
10:30 – 10:45 a.m.	BREAK
10:45 – 11:15 a.m.	05 – Project # FWP-FY11.60.CCSSI (ICMI) – Industrial Carbon Management Initiative - Chemical Looping Combustion (ICMI-CLC) <i>Doug Straub, National Energy Technology Laboratory</i>
11:15 – 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 # FE0009761 – Commercialization of an Atmospheric Iron-Based Coal Direct Chemical Looping (CDCL) Process for Power Production <i>Luis G. Velazquez-Vargas and Doug DeVault, Babcock & Wilcox Power Generation Group, Inc.</i>
2:30 – 3:00 p.m.	Q&A
3:00 – 4:15 p.m.	Discussion
4:15 – 4:30 p.m.	BREAK
4:30 – 5:30 p.m.	Wrap-up Session