

DOE Durability Working Group Meeting

Monday, June 16, 2014, 9:00 am to 12:00 pm
Washington Marriott Wardman Park
2660 Woodley Road NW
Washington, D.C.

- 8:30 am Continental “breakfast”: breakfast breads, coffee, and tea
- 9:00 am **Joint Durability and Catalysis Working Groups Meeting (Delaware A Room)**
Welcome and introductory comments
Debbie Myers (Argonne), Rod Borup (LANL), Donna Ho (DOE),
Piotr Zelenay (LANL), and Nancy Garland (DOE)
co-chairs of Durability and Catalysis Working Groups
- 9:05 am *Are we there yet? Pt-alloy catalysts*
Anu Kongkanand (General Motors)
- 9:25 am *Pt-Co/C Catalysts: PEMFC Performance and Durability*
Jim Waldecker (Ford)
- 9:45 am *Degradation of Nanoparticle Pt alloy and Dealloyed Pt Catalysts*
Debbie Myers (Argonne)
- 10:00 am **Durability Working Group Meeting (Park Tower 8212)**
Topics: Membrane and Ionomer Degradation
- 10:10 am *Modeling the Effects of Pt in the Membrane on Hydrogen Crossover*
Rajesh Ahluwalia (ANL)
- 10:30 am *Modeling of Membrane Chemical and Mechanical Degradation*
Ahmet Kusoglu (LBNL)
- 10:50 am *Membrane Durability Considerations, including the use of transition metal antioxidants in PEMFCs*
Shanna Knights (Ballard Power Systems)
- 11:10 am *Long-term Efficacy of Ceria Mitigation Strategies*
Rod Borup (LANL)
- 11:30 am *Automotive OEM Perspective on Ionomer and Membrane Degradation/Durability*
Craig Gittleman (General Motors)
- 11:50 am *Wrap-up, Action Items, Discussion of Date and Location of Next DWG Meeting*
Debbie Myers, Rod Borup, Donna Ho
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