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

Noon  Adjourn