

DOE Durability Working Group
Wednesday, May 11, 2011, 7:00-10:00 pm
Marriott Crystal Gateway "Salon V" (Ballroom Level)
Meeting Agenda

- 7:00 pm **Welcome and introductory comments**
 Debbie Myers (Argonne) and Rod Borup (Los Alamos) – co-chairs
- 7:10 pm **Compilation of decay mechanisms, impact, evidence, and diagnostic procedures**
 Proposed by: Adam Weber (LBNL), Mike Perry (UTRC)
 Assigned to: Debbie Myers, Rod Borup, Rangachary Mukundan (LANL)
- 7:30 pm **PEFC start-up protocol**
 Assigned to: Greg James (Ballard) – lead, Rod Borup (LANL), Mike Perry (UTRC)
- 7:50 pm **Accelerated stress test for non-carbon supports** (e.g., metal oxides)
 Proposed by: Shyam Kocha (NREL), Assigned to: Shyam Kocha (NREL) - lead
 Mahlon Wilson and Eric Brosha (LANL)
- 8:10 pm **Discussion of electrochemical equivalent of accelerated stress test for MEAs**
 Radoslav Atanasoski (3M)
- 8:30 pm **Break**
- 8:50 pm **Aqueous electrolyte accelerated stress test protocols for PGM-based ORR catalysts and relevance of aqueous electrolyte stress tests to MEA**
 Proposed by: Plamen Atanassov (UNM). Assigned to: Debbie Myers (ANL) – lead; Plamen Atanassov (UNM), Radoslav Atanasoski (3M), Jerzy Chlistunoff (LANL)
- 9:10 pm **Accelerated stress test protocol development for Non-PGM Catalysts** (aqueous and MEA)
 Proposed by: Plamen Atanassov (UNM), Assigned to: Jerzy Chlistunoff (LANL) – lead, Plamen Atanassov (UNM), Piotr Zelenay (LANL)
- 9:30 pm **Discussion of prioritization of component degradation studies**
 Proposed by: Rod Borup Assigned to: Rod Borup, Debbie Myers, and Mukund
- 9:45 pm **Wrap-up and action items**
- 10:00 pm **Adjourn**