

DOE Durability Working Group (DWG)
Meeting Agenda
Thursday, February 28, 2013
Crystal City Marriott
Crystal City, VA

- 8:30 am **Welcome and introductory comments**
 Debbie Myers (Argonne) and Rod Borup (Los Alamos) – co-chairs
- 8:45 am **Introduction to meeting objectives**
 Dimitrios Papageorgopoulos, Department of Energy, Fuel Cell Technologies Office
- Summary of what has been learned in DOE durability-related projects
and durability R&D needs/gaps**
(PI's or project representatives; 10 min talks per person)
- 9:00 am **Session I. Durability:** Nuvera (Olga Polevaya), Ballard (Silvia Wessel),
 LANL (Rod Borup), and ANL (Debbie Myers)
- 9:40 am **Session II. Modeling:** LBNL (Adam Weber), ANL (Rajesh Ahluwalia)
- 10:00 am **Session III. Catalyst and Impurities:** 3M (Radoslav Atanasoski),
 HNEI (Jean St-Pierre), and NREL (Huyen Dinh)
- 10:30 am Break
- 11:00 am **Session IV. Accelerated Stress Tests:** LANL (R. Mukund) and UTRC (Mike Perry)
- 11:20 am **Session V. Durability of Alternative Fuel Cell Materials** – Rod Borup
- 11:30 am **Session VI. Industrial Perspective**
 General Motors, Nissan, AFCC, Giner, W.L. Gore
- 12:30 pm Working lunch
 Summary of R&D needs, discussion of break-out sessions
- 1:30 pm Break-out sessions (approximately 5 to 6 people per break-out group)
 Potential topics and grouping of topics in sessions:
1. Catalyst, catalyst supports, and impurities (includes non-PGM catalysts and non-carbon supports): Debbie Myers facilitator; Cassidy Houchins scribe
 2. Membranes/ionomers: John Kopasz facilitator, Donna Ho scribe
 3. Membrane-electrode assembly issues/components (i.e., GDL, metal bipolar plates, seals): Rod Borup facilitator; Greg Kleen scribe
 4. Modeling and characterization: Adam Weber facilitator; Walt Podolski scribe
- 3:00 pm Break
- 3:30 pm Summary presentations from break-out sessions (four presentations)
 Group discussion
- 5:00 pm Discussion of DWG publications and action items

Notes: GoToMeeting will be available for remote participation. General Motors will present remotely.