

Preliminary Agenda
High Temperature Membrane Working Group Meeting
Thursday, October 16, 2008
Hilton Hawaiian Village
South Pacific 2

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|----------------|---|-----------------------------------|
| 5:00 pm | Welcome | John Kopasz, ANL |
| 5:05 pm | Meeting overview | James Fenton, UCF/FSEC |
| 5:15 pm | "MEA Performance Benchmarking" | Shyam Kocha, Nissan |
| 5:40 pm | "Discussion on Pathways Towards Meeting Higher Temperature Membrane Targets" | Bryan Pivovar, NREL |
| 6:05 pm | "Performance Testing Protocol" | Marianne Rodgers, UCF/FSEC |
| 6:30 pm | Discussion | James Fenton, UCF/FSEC |
| 6:40 pm | Adjourn | |

There are some excellent Plenary sessions on Monday that we would like to encourage you to attend. The schedule is reprinted below for your convenience. To see the associated abstract for a talk, do a control + left click to follow the link.

| Time | Abs# | Title and Authors |
|-------|------|---|
| 10:00 | 776 | <u>Fuel Cell Vehicle and Infrastructure Learning Demonstration Status and Results</u> K. B. Wipke, S. Sprik, J. Kurtz, T. Ramsden (National Renewable Energy Lab) and J. Garbak (U.S. Department of Energy) |
| 10:40 | 777 | <u>Status of Research and Development for Fuel Cell Vehicle Application in Toyota Motor Corporation</u> K. Kojima (Toyota Motor Corporation) |
| 11:20 | 778 | <u>Analyses of Oxygen Reduction Reaction at Pt-Based Electrocatalysts</u> M. Watanabe, M. Wakisaka, H. Yano and H. Uchida (University of Yamanashi) |

Afternoon Plenary Session

Co-Chair(s): Peter Strasser and Vijay Ramani

| Time | Abs# | Title and Authors |
|-------|------|--|
| 14:00 | 779 | <u>First-principles Investigations of Electrocatalysis and Corrosion</u> J. Greeley (Argonne National Laboratory) |
| 14:30 | 780 | <u>Current Progress of Electrocatalyst R&D in TKK</u> T. Tada, Y. Yamamoto, K. Matsutani, K. Hayakawa and T. Namai (Tanaka Kikinzoku Kogyo K. K.) |
| 15:00 | 781 | <u>Electrocatalyst Durability under Simulated Automotive Drive Cycles</u> M. Uchimura (Nissan Research Center), S. Sugawara (Nissan Motor Co., Ltd.), Y. Suzuki, J. Zhang and S. S. Kocha (Nissan Research Center) |
| 15:30 | | Intermission (20 Minutes) |
| 15:50 | 782 | <u>The Chemistry of Fuel Cell Membrane Chemical Degradation</u> F. D. Coms (General Motors Corporation) |
| 16:20 | 783 | <u>Anion Exchange Membrane and Ionomer for Alkaline Membrane Fuel Cells (AMFCs)</u> H. Yanagi and K. Fukuta (Tokuyama Corp.) |
| 16:50 | 784 | <u>Cationic Contaminant Effects on Polymer Electrolyte Fuel Cell Durability</u> B. Pivovar, B. Kienitz (Los Alamos National Lab), T. Rockward, F. A. Uribe and F. H. Garzon (LANL) |
| 17:20 | 785 | <u>Development Status of High-Temperature PBI-based Membrane Electrode Assemblies</u> T. J. Schmidt (BASF Fuel Cell GmbH) |