Sponsored by:
U.S. Department of Energy
Office of Fossil Energy
National Energy Technology Laboratory
and Pacific Northwest National Laboratory

May 11-13, 2004
Tuesday, May 11, 2004 – Day 1

7:00 am  Registration & Continental Breakfast – Foyer Grand Ballroom
7:50 am  Welcome – Grand Ball Room
Mark Williams, U. S. Department of Energy, National Energy Technology Laboratory

Plenary - Moderator:
Mark Williams, U.S Department of Energy, National Energy Technology Laboratory

8:00 am  SECA Program Overview
Wayne Surdoval, U. S. Department of Energy, National Energy Technology Laboratory
8:30 am  Future Gen –Electricity, Hydrogen and Carbon Sequestration – A New DOE Initiative
Michael Eastman, U. S. Department of Energy, National Energy Technology Laboratory
9:00 am  Truck APU’s - Energy Efficiency and Renewable Energy
John Garbak, U. S. Department of Energy,
Office of Hydrogen, Fuel Cells and Infrastructure
9:30 am  Break – Grand Ballroom Foyer

Industrial Teams - Moderators:
Wayne Surdoval, U.S Department of Energy, National Energy Technology Laboratory

10:00 am  Delphi/Battelle, Steven Shaffer
10:45 am  General Electric Energy, Hybrid Power Generation Systems, Nguyen Minh
11:30 am  Group Lunch – Atrium and Marquis Rooms
1:00 pm  SiemensWestinghouse Power Corporation, Shailesh Vora
1:45 pm  Cummins Power Generation, Daniel Norrick
2:30 pm  Break – Grand Ballroom Foyer
3:00 pm  Acumentrics Corporation, Norman Bessette
3:45 pm  Fuel Cell Energy Ltd., Pinakin Patel
4:30 pm  Program Feedback, Q&A
5:00 pm  Adjourn
Wednesday, May 12, 2004 – Day 2

7:00 am  Registration & Continental Breakfast – Grand Ballroom Foyer

Grand Ballroom

Modeling and Simulation - Moderators:
Moe Khaleel, U.S. Department of Energy, Pacific Northwest National Laboratory
Travis Shultz, U.S. Department of Energy, National Energy Technology Laboratory

8:00 am  Pacific Northwest National Laboratory, Moe Khaleel
8:30 am  Georgia Tech, Jainmin Qu
9:00 am  University of Florida, Eric Wachsman
9:30 am  MSC Software, Zach Pursell
10:00 am  Break – Grand Ballroom Foyer
10:30 am  Oak Ridge National Laboratory, Edgar Lara-Curzio
11:00 am  University of Illinois, Sudip K. Mazumder
11:30 am  Fluent Inc., Michael Prinkey
12:00  Group Lunch – Atrium and Marquis Rooms

Fuel Processing - Moderators:
David Berry, U.S. Department of Energy, National Energy Technology Laboratory
David King, U.S. Department of Energy, Pacific Northwest National Laboratory

1:00 pm  National Energy Technology Laboratory, David Berry
1:30 pm  Los Alamos National Laboratory, Rodney Borup
2:00 pm  Pacific Northwest National Laboratory, David King
2:30 pm  Break – Grand Ballroom Foyer
3:00 pm  Argonne National Laboratory, Michael Krumpelt

Carbon and Sulfur Tolerant Anodes

3:30 pm  Pacific Northwest National Laboratory, Olga Marina

Seals - Moderators:
Travis Shultz, U.S. Department of Energy, National Energy Technology Laboratory

4:00 pm  Sandia National Laboratory, Ronald Loehman
4:30 pm  Pacific Northwest National Laboratory, Matt Chou
5:00 pm  Adjourn
6:00 pm  Reception & Poster Session – Grand Ballroom Foyer
Hosts: Magda Rivera and Shawna Toth, National Energy Technology Laboratory
Industry Team Exhibits – Adrienne de Lafayette Salon

Core Technology presentations will include a 10 minute question and rating period
Thursday, May 13, 2004 – Day 3

7:00 am  Registration & Continental Breakfast – Grand Ballroom Foyer

**Manufacturing and Power Electronics - Moderators:**
*Don Collins, U.S. Department of Energy, National Energy Technology Laboratory*
*Prabhakar Singh, U.S. Department of Energy, Pacific Northwest National Laboratory*

8:00 am  NexTech Materials Ltd., *Scott Swartz*
8:30 am  Virginia Tech, *Jason Lai*

**HiTEC - High Temperature Electrochemistry Center - Moderator:**
*Prabhakar Singh, U.S. Department of Energy, Pacific Northwest National Laboratory*

9:00 am  Montana State University, *Lee Spangler*
9:30 am  Break- Grand Ballroom Foyer

**Materials - Moderators:**
*Lane Wilson, U.S. Department of Energy, National Energy Technology Laboratory*
*Jeff Stevenson, U.S. Department of Energy, Pacific Northwest National Laboratory*

**Interconnects**
10:00 am  Pacific Northwest National Laboratory, *Gary Yang*
10:30 am  Argonne National Laboratory, *Michael Krumpelt*
11:00 am  University of Pittsburgh, *Gerald Meier*
11:30 am  University of Washington, *Stuart Adler*
12:00  **Group Lunch – Atrium and Marquis Rooms**
1:30 pm  Ceramatec, *S. Elangovan*

**Cathodes**
2:00 pm  Albany Research Center, *John Dunning*
2:30 pm  Georgia Tech, *Meilin Liu*
3:00 pm  **Break – Grand Ballroom Foyer**
3:30 pm  Pacific Northwest National Laboratory, *Steve Simner*
4:00 pm  Lawrence Berkeley National Laboratory, *Steven Visco*
4:30 pm  **Adjourn**

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