

Hydrogen Storage Challenges for Mobility Symposium: Overcoming the Barriers

Center for Hydrogen Research; Aiken, South Carolina, USA

December 6 – 7, 2006

Preliminary Agenda

Symposium Organizers: Robert F. Bennett, South Carolina Department of Commerce; Peter F. Finamore, John Deere Advanced Energy Systems; Fred E. Humes, Economic Development Partnership; Wen Li, Toyota Motor Engineering & Manufacturing North America; Jack Simon, Theodore Motyka, Harold F. Sturm, Jr., Savannah River National Laboratory

Date: December 6, 2006**3:00 Registration w/tabletops in Lobby****4:00 Tour – Center for Hydrogen Research****5:00 – 6:30 Reception****Date: December 7, 2006**

TIME	DESCRIPTION
7:00	Registration
8:00	Welcome/Introductions
8:15	<i>The Department of Energy's National Hydrogen Storage Project: Recent Progress and Future Plans</i> , Sunita Satyapal, George Thomas, Carole Read, Grace Ordaz, John Petrovic, U. S. Dept. of Energy
8:45	<i>Hydrogen Storage: The Challenge with Science and Engineering</i> , Kazuo Kawahara, Toyota Motor Engineering & Manufacturing North America, Inc. and Katsuhiko Hirose, Toyota Motor Corp.
9:15	<i>The Challenge of Hydrogen Storage for FC Vehicles</i> , Udo Winter, Adam Opel GmbH
9:45	<i>Practical Approaches to On-Board Hydrogen Storage</i> , Tarek Abdel-Baset, DaimlerChrysler
10:15	Break
10:45	<i>Performance and User Analysis of Off Road Hydrogen Fuel Cell Powered Utility Vehicles</i> , Peter Finamore, John Deere Advanced Energy Systems
11:15	<i>The Challenge of Hydrogen Storage: An Energy Company Perspective</i> , David M. Austgen, Jr., Shell Hydrogen LLC
11:45	Luncheon – Keynote Speaker: U.S. Rep. Bob Inglis (invited)
1:15	<i>Hydrogen Effects on Materials: Impact of Materials Systems Integrity, Codes and Standards Development, and Hydrogen Distribution Technologies</i> , Thad Adams, Savannah River National Laboratory
1:45	<i>Liquid Hydrogen Storage – Roadmap to Mass Market</i> , Tobias A. Brunner, BMW Group
2:15	<i>High Pressure Storage Applications</i> , Neel Sirosh, Quantum Technologies Inc.
2:45	Break
3:15	<i>Hydrogen Storage: From Carbon Nanotubes to H₂-Reversible Liquid Carriers</i> , Guido P. Pez, Air Products
3:45	<i>Reversible Metal & Complex Hydrides</i> , Ted Motyka, Savannah River National Laboratory
4:15	Symposium adjourns