

Military Fuel Cells Conference Final Agenda

Day One: October 20, 2003

8:30-8:35 *Opening Announcements*

835-905 *“Mobile Electric Power Needs and Initiatives”*

COLONEL MARK JONES, Project Manager, DoD Mobile Electric Power

905-935 *“Fuel Cells and Army Vehicles”*

MR. PAUL SKALNY, Deputy Director, National Automotive Center, Research, Development and Engineering Center, Tank and Automotive Command

935-1005 *“The Army Fuelcell Locomotive Project”*

DR. ARNOLD R. MILLER, President, Fuelcell Propulsion Institute

1005-1035 *“Fuel Cells in USAF Propulsion”*

DR. JOSEPH P. FELLNER, Senior Chemical Engineer, Propulsion Directorate, Air Force Research Lab

1035-1050 *Refreshments*

1050-1120 *“Deployed Bases Power”*

DR. ALY SHAABAN, Director, Fuel Cell Programs, Propulsion Directorate, Air Force Research Lab

1120-1150 *“The Army Research Lab’s Fuel Cell Program”*

DR. DERYN CHU, ARL

1150-1220 *“PEM Fuel Cell R&D at Los Alamos National Laboratory”*

DR. BRYAN PIVOVAR, Sr. Member of Technical Staff, Los Alamos National Laboratory *and*
DR. PIOTR ZELENAY, Ph.D., D.Sc., Technical Project Leader, Electronic and Electrochemical Materials and Devices, Los Alamos National Laboratory

1220-130 *Lunch Break*

130-200 SPECIAL PRESENTATION: *“The Military Fuel Cell Market”*

MR. ATAKAN OZBEK, Vice President, Allied Business Intelligence

200-230 *“System Challenges to the Deployment of Fuel Cells for the Dismounted Soldier – A Reality Check”*

DR. C. G. MICHAEL QUAH, Team Leader, Fuel Cell Technology, Research, Development and Engineering Center, Communication Electronics Command (CERDEC)

230-300 *“Fuel Cells in Underwater Vehicles – Requirements, Restrictions, Research”*

MS. MARIA G. MEDEIROS, Senior Research Scientist, Naval Undersea Warfare Center (NUWC) - Newport Division

300-315 *Refreshments*

315-345 *“The DARPA Palm Power Program”*

DR. VALERIE BROWNING, Program Manager, Defense Sciences Office, Defense Advanced Research Project Agency

345-415 *“DARPA R&D in Micro Fuel Cells”*

DR. CLARK T. NGUYEN, Program Manager, Materials Technology Office, DARPA

415-445 *“OSCAR – Sediment Biofuel Cells”*

DR. LEONARD M. TENDER, Primary Investigator, Sediment Biofuel Cells, Center for Bio/Molecular Science and Engineering, Naval Research Laboratory

Military Fuel Cells Conference Speaker List and Proposed Agenda

DAY TWO: October 21, 2003

835-905 "The DoD Stationary Fuel Cell Demonstration Program"

DR. MICHAEL BINDER, Program Manager, DoD Stationary Fuel Cell Demonstration Program, Army Engineer Research and Development Center/Construction Engineering Research Lab

9:05-9:35 "Fuel Cells for Naval Aviation"

MR. STEVEN R. SATZBERG, Senior Electrical Engineer, Naval Air Systems Command

935-10:05 "Fuel Cells in Portable Military and Commercial Applications"

DR. JERRY HALLMARK, Manager, Micro-Technologies Research Lab, Motorola Labs

1005-1035 "Direct Methanol Fuel Cells in Portable Power Sources for Military Applications"

DR. SHIMSHON GOTTFELD, Chief Technology Officer, MTI Micro Fuel Cells

1035-1050 Refreshments

1050-1120 "Portable Fuel Cells at Ball Aerospace"

DR. STEVEN HARFORD, Senior Systems Engineer, Ball Aerospace and Technologies Corp.

1120-1150 "Robust, Lightweight H₂ Generators utilizing Logistic Fuels for Fuel Cell Applications"

DR. ANAND CHELLAPPA, Chief Technology Officer, Vice President, Research and Development, Mesofuel, Inc.

1150-1220 "Fuel Cells in Future Hybrid Propulsion Systems"

DR. RICHARD MOHRING, Program Director, Hydrogen On Demand, Millennium Cell, Inc.

1220-130 Lunch Break

130-200 "Perspective on Fuel Cells for Kinetic Kill Vehicles"

MR. KENNY PALMER Engineer, and
MR. DON TOWNSEND, Swift Enterprises, Ltd.

200-230 "The Better "Battery" - Methanol Reforming Military Fuel Cell Systems"

MR. DAVID DeVRIES, MSEE, Vice President Research & Development, Genesis Fueltech, Inc.

230-300 "Fuel Cell System Air Management"

MR. MARK K. GEE, Senior Engineer, Honeywell Engines, Systems & Services

300--330 "Affordable Fuel Cells for Portable / Back-up Power Applications"

DR. MOHAMMAD ENAYETULLAH, Director of Technology Development, Protonex Technology Corporation

10/13/03