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**Space Propulsion and Power**

**Industry/University Collaborative Research Center Planning Meeting**

Agenda

July 24, 2008

Hilton Hartford Salon B

315 Trumbull Street

Hartford, CT 06103

**Teleconference Call-in Information:** Call 888-688-0006 and you will be directly connected to the conference

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|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00 - 9:05   | Welcome, Introductions, and Opening Remarks                                                                                                                                  |
| 9:05 – 9:35   | Description of I/UCRC Structure and Discussion of Meeting Goals                                                                                                              |
|               | <b><u>Faculty Research Presentations: Expertise and Capabilities</u></b>                                                                                                     |
| 9:35 – 10:00  | Alec D. Gallimore - <i>EP Research at the Plasmadynamics and Electric Propulsion Laboratory</i> (also research capabilities of Thomas Zurbuchen and Iain Boyd via proxy)     |
| 10:00 – 10:15 | Craig Friedrich - <i>Micromachining for Space Propulsion and Power Research</i>                                                                                              |
| 10:15 – 10:40 | Lyon (Brad) King – <i>Research Activities at the Ion Space Propulsion Laboratory</i> (also research capabilities of Jeffrey Allen, Peter Moran, and Yoke-Khin Yap via proxy) |
| 10:40 – 10:55 | John E. Foster – <i>Plasma Research in the Dept. of Nuclear Engineering and Radiological Sciences</i>                                                                        |
| 10:55 – 11:10 | Ossama Abdelkhalik – <i>Spacecraft mechanics, Dynamics, and Controls</i>                                                                                                     |
| 11:10 – 11:25 | Brian Gilchrist (via telecon) – <i>Space Electrodynamics</i>                                                                                                                 |

- 11:25 – 11:40 Overview of Collaborating Faculty – Purdue (Stephen Heister, Bill Anderson, Steve Son, Charles Merkle, and Ivana Hrbud) and California State University/Long Beach (Eric Besnard)
- 11:40 – 12:00 Break
- LUNCH* *A working lunch will be catered at 12:00*
- Gov't Labs and Industry Presentations: Current Activities**
- 12:00 – 12:15 Mitat Birkan, Program Manager – Space Power and Propulsion, U.S. Air Force Office of Scientific Research
- 12:15 – 12:30 Valerie Lyons, Chief - Power and In-Space Propulsion Division, NASA – Glenn Research Center
- 12:15 – 12:30 Bruce Pote, Director - Hall Thruster Propulsion Programs, Busek Co., Inc.
- 12:30 – 12:45 Robert Johnson, Senior Manager - Space Applications, Raytheon Missile Systems
- 12:45 – 1:00 Ira Katz, Supervisor - Electric Propulsion Group, NASA Jet Propulsion Laboratory
- 1:00 – 1:15 Andy Hoskins, Technical Principal – Electric Propulsion, Aerojet
- 1:15 – 1:30 Gregory Emsellem, President – The Elwing Company
- 1:30 – 1:45 Break
- 1:45 – 2:15 Identification of Research Themes
- 2:15 – 2:45 Closing Discussion and Next Steps