

Tuesday, April 12, 2005

7:00 Registration/Continental Breakfast

8:00 Welcome and Opening Remarks

Dave Davis, USAF Space and Missile Systems Center (SMC)

Mel Cohen, The Aerospace Corporation

8:10 **Keynote Speaker:** Col. James Horejsi, SMC

8:40 **Space and Missile Systems Center Update**

Dave Davis, SMC

8:55 **Aerospace Corporation PM&P Vision**

Steven Robertson, The Aerospace Corporation

9:10 **Air Force Research Laboratories Update**

Ken Hunt, Air Force Research Laboratories

9:25 **Defense Threat Reduction Agency (DTRA) Update**

Major Anne Clark, DTRA

9:40 **U.S. Army Redstone Arsenal Update**

Chris Landers, U.S. Army AMRDEC

9:55 **Japanese Space Agency (JAXA) Update**

Naomi Ikeda, Japanese Space Agency

10:10 Break

10:20 **NASA Activities**

Mike Sampson, NASA Goddard

11:35 **Supplier Update**

Dan Kagey, Honeywell SSEC

11:50 Lunch Break

12:50 **Supplier Update**

Tiva Bassarakons, International Rectifiers

1:05 **Qualification of a Class K DC/DC Power Converter**

Dan Sable, VPT

1:20 **Supplier Update**

Mike Tekulve, National Semiconductor

1:35 **Generating RGA Data For Analytical Facilities Comparison**

Phillip Schuessler, Schuessler Consulting

2:05 **Hermeticity and RGA Issues With Small Cavity Devices**

Nancy Baker, Avnet Corporation

2:20 **Supplier Update**

Thomas Marshal, Intersil

2:35 **The Latest Gremlins Appearing in DPA**

Trevor Devaney, HI-REL Labs

2:50 **Supplier Update**

Alan Johnson, Semicoa

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3:05 Break

3:15 **Trusted Foundries**

Jay Culliney, The Aerospace Corporation

3:30 **National Security Space Industrial Base (IB) Issues**

Donald Mayer, The Aerospace Corporation

3:45 **Radiation Hardness Oversight Council Update**

John Ingram-Cotton, The Aerospace Corporation

4:00 **The Use of COTS Components at JPL/NASA**

Jeffrey Sokol, Jet Propulsion Laboratory

4:15 **Microcircuit Update**

David Peters, The Aerospace Corporation

4:30 Adjourn

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7:00 Registration/Continental Breakfast

8:00 Welcome/Agenda Review

Dave Davis, SMC

8:10 **Packaging For Space Level DC/DC Converters**

James Bockman, NASA Langley

8:25 **Supplier Update**

Steven Litchfield, Microsemi

8:40 **Particle Redistribution on the Interior of Spacecraft Components**

Tom Lesniewski, Northrop Grumman

8:55 **Radiation Hardness Evaluation of a 32-Bit , Floating Point Digital Signal Processor Class V C6701 DSP**

Wallace Scott, Texas Instruments

9:10 **Space Level Magnetics/Transformers**

Allen Adams, Coast/ACM

9:25 **RadHard Eclipse Update and Road Map**

Craig Hafer, Aeroflex

9:40 **A Resource for Diminishing Source QML V Microcircuits**

Ed Slipher, QP Semiconductor

10:00 Break

10:10 **Hybrid Microcircuit Update**

Larry Harzstark, The Aerospace Corporation

10:25 **Rad Hard Microcircuits in Development Using Hard by Design Techniques**

Dave Strobel, Space Micro

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- 10:40 **Comparative Analysis of Military Standard to Commercial (COTS) Capacitors**
Bill Long, KEMET
- 10:55 **Supplier Update**
Don Frances, BAE Systems
- 11:10 **A New Approach to Krypton 85 Hermeticity Testing**
George Neff, Isovac
- 11:25 **Space Qualified Coaxial Cables**
John Lewis, Micro Coax
- 11:40 **Passive Parts Update**
Jocelyn Siplon, The Aerospace Corporation
- 11:55 Lunch Break**
- 12:55 **Field Programmable Gate Arrays Update**
Dan Elftmann & Ken O'Neill, Actel Corporation
- 1:40 **COTS & COTS-PLUS Capacitors- Navigating the Channels of Reliability**
Scott Elliott, AVX
- 1:55 **Radiation Effects Testing Update**
Craig Hafer, Aeroflex
- 2:10 **Technology Roadmap for a Rad Hard Space Computer**
Dave Strobel, Space Micro
- 2:25 **Space Rated Thermal Switch Capabilities**
George Davis, Honeywell Redmond Washington
- 2:40 **Fabless Suppliers Tools for Evaluation**
Mel Cohen, The Aerospace Corporation
- 2:55 Break**
- 3:05 **Update of Power MOSFET Product Development**
Mike Povey, Sensitron
- 3:20 **Component Technology For Next Generation Single Board Computers**
Steve McComb, Maxwell
- 3:35 **Supplier Update**
Edward Applebaum, Solid State Devices
- 3:50 **MIL-PRF-19500 Activities**
Mel Cohen, The Aerospace Corporation
- 4:05 **Concluding Remarks**
Dave Davis, SMC
- 4:15 Adjourn**

Notes