AGENDA

Day 2: Tuesday, June 5

Time (Eastern)

8:30 a.m.  
Opening Remarks  
Gerald Piasecki | Interim Center Assessment Manager, NASA Safety Center

8:40 a.m.  
New Japan Space Law to Expand Space Activities  
Toru Kasai | Manager of System Safety Unit, JAXA

9:10 a.m.  
Insights Into the Supply Chain  
The Detail and Future Prospects of Mandatory Inspection Points (MIP) in Japanese Spacecraft Development  
Sponsored by JAXA  
Hiroshi Hayashi | Senior Engineer, High-Reliability Engineering and Components Corporation (HIREC)

Commercial Crew Program Safety and Mission Assurance Status and Lessons Learned  
Sponsored by NASA  
Michael Graybill | Safety and Mission Assurance, NASA Commercial Crew Program  
Billy Stover | Deputy Chief Safety Officer, NASA Commercial Crew Program

Goddard Space Flight Center Risk Assessment Process for Inherited Items  
Sponsored by NASA  
Nancy Lindsey | Risk & Reliability Branch Chief, Goddard Space Flight Center, NASA

Supplier Research and Analysis Approach  
Sponsored by NASA  
Jonathan Root | Program/Project Manager, Goddard Space Flight Center, NASA

10:30 a.m.  
Break

11 a.m.  
Additive Manufacturing and Electrical, Electronic and Electromechanical (EEE) Parts  
Establishment of a Verification Methodology for Parts Made by Additive Manufacturing  
Sponsored by ESA  
Benoit Bonvoisin | Materials and Process Engineer, Materials and Processes Section, ESA

Usage of Commercial Off-the-Shelf EEE Components in European Space Programs  
Sponsored by ESA  
Mikko Nikulainen | Head, Components & Materials, Physics & Chemistry, Evaluation & Standardisation Division, ESA

NASA Goddard Space Flight Center Code 300 SMA Perspective on Opportunities to Use Automotive Grade EEE Parts in Flight Applications  
Sponsored by NASA  
Miquel Moe | Commodity Risk Assessment Engineer — Payload Standard Components, Acting Parts and Radiation Assurance Engineer, Risk and Reliability Branch, Goddard Space Flight Center SMA Directorate, NASA

Noon  
Lunch Break
Day 2: Tuesday, June 5 continued

1:30 p.m. **Advanced Testing and Reliability**

*Reliability Test of Printed Circuit Board for Space-Use Using the Interconnect Stress Test*
Sponsored by JAXA
Shunji Sano | Engineer, SMA Department, JAXA

*Application of Physics-of-Failure Based Virtual Qualification Methods for Reliability Assessment of Mission Critical Printed Circuit Assemblies*
Sponsored by NASA
Bhanu Sood | Commodity Risk Assessment Engineer, Microelectronics Packaging and Circuit Board, Quality and Reliability Division, Safety and Mission Assurance Directorate, Goddard Space Flight Center, NASA

*Qualification of Materials and Processes With Respect to S4 Mission Long-Term Storage Requirements: Lessons Learned*
Sponsored by ESA
Giacinto De Paris | Product Assurance and Safety Manager, ESA

*Reliability Model and Criteria Supporting Decision-Making to Safely Dispose a Satellite*
Sponsored by ESA
Lorenzo Bitetti | Dependability Engineer, Thales Alenia Space

3 p.m. **Break**

3:30 p.m. **Evolution of Human Spaceflight Safety at NASA**
George Gafka | NASA Exploration Systems Development, Chief SMA Officer and SMA Director, NASA

4:30 p.m. **Closing Remarks**
Gerald Piasecki