

2018 **TRISMAC**
TRILATERAL SMA CONFERENCE

JUNE 4-6, 2018 • FLORIDA

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**

2018 **TRISMAC**
TRILATERAL SMA CONFERENCE

JUNE 4-6, 2018 • FLORIDA

AGENDA

Day 2: Tuesday, June 5 continued

Time (Eastern)

- 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