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## Telespazio & Thales Alenia Space at SpaceOps 2018

28 May 2018 – 1 June 2018

Key Events

## Monday, 28 May

7:00 am- 7:45 am	<b>SIGHT RUNNING MARSEILLE</b>	Hotel Novotel Vieux Port	
11:00 am- 1:30 pm	<b>OA-DM-04</b> Copernicus Ground Segment as a Service: From Data Monitoring to Performance Analysis	Central Exhibition Hall	Aymeric Yvernes Telespazio France
11:00 am- 1:30 pm	<b>CSO - T-Posters</b>	Central Exhibition Hall	Co-Chair: Zeina Mounzer Telespazio VEGA Deutschland
11:00 am- 1:30 pm	<b>FE - T-Posters</b> Operations of the Sample Analysis at Mars instrument suite onboard the Curiosity rover	Central Exhibition Hall	J. Bonnet Telespazio France
2:00 pm- 2:30 pm	<b>CSIS - Transport, Exchange, and Preservation of Space Data</b> Implementation of the PUS services for the ISIS product line - Fit for the first missions?	Saint-Jean	Christian Laroque Telespazio VEGA Deutschland
4:00 pm- 6:00 pm	<b>MDM - Mission Design and Management</b>	Grand Large	Co-Chair: Marc Niezette Telespazio VEGA Deutschland

## Tuesday, 29 May 2018

6:45 am- 7:30 am	<b>SIGHT RUNNING MARSEILLE</b>	Hotel Novotel Vieux Port	
10:30 am- 11:00 am	<b>HSO - Exploration Architectures and Concepts</b> A Gliding Vehicle for ISS Crew Rescue - Mission Operational Concept	Joliette	Francesco di Pietro Telespazio SpA
1:30 pm- 3:30 pm	<b>MDM - Mission Engineering and Planning</b>	Grand Large	Co-Chair: Marc Niezette Telespazio VEGA Deutschland
4:00 pm- 4:30 pm	<b>HSO - ISS Operations</b> Remote Echography between CNES Space Control Center and the ISS Using Tele Operated "Echograph with Motorized Probe"	Joliette	Arielle Depriester Telespazio France

## Tuesday, 29 May 2018

4:00 pm- 4:30 pm	<b>PS - New Techniques and Planning Software II</b> Planning Tools: Editing and Cross-validating	Notre Dame	Robin Steel Telespazio VEGA Deutschland
4:00 pm- 4:30 pm	<b>GSE - Ground Segment Architectures, Design and Validation V</b>	Lacydon	Co-Chair: Marc Niezette Telespazio VEGA Deutschland
5:00 pm- 5:30 pm	<b>OC - Operations Engineering and Validation</b> InSight: Operational Products Validation on Ground	Estaque	Emilien Gaudin Telespazio France

## Wednesday, 30 May 2018

6:45 am- 7:30 am	<b>SIGHT RUNNING MARSEILLE</b>	Hotel Novotel Vieux Port	
10:30 am- 11:00 am	<b>GSE - Ground Segment Engineering</b> 3D Web Visualization Tool to support HAYABUSA2 -MASCOT Landing Site Selection Process	Lacydon	Antoine Charpentier Telespazio France
11:30 am- 12:00 pm	<b>GNC - Flight Dynamics and Navigation I</b> Flight Dynamics Operational Experience From Exomars TGO Aerobraking Campaign At Mars	Saint-Jean	Francesco Castellini Telespazio VEGA Deutschland
1:30 pm- 3:30 pm	<b>GSE - New Challenges for Software Development and Maintenance</b>	Lacydon	Co-Chair: Marc Niezette Telespazio VEGA Deutschland
1:30 pm- 2:00 pm	<b>OC - Operations Automation and Optimization II</b> Evolution of the Eclipse Operations Concept for ESA's X-ray Observatory XMM-Newton	Estaque	Muhammed Shoaib Malik Telespazio VEGA Deutschland

## Wednesday, 30 May

2:30 pm- 3:00 pm	<b>OC - Operations Automation and Optimization II</b> Incorporating AEGIS autonomous science into Mars Science Laboratory rover mission operations	Estaque	Laurent Peret Telespazio France
4:30 pm- 5:00 pm	<b>OC - Flight Operations Concepts II</b> Progress in Automated Ground Control of ESA's Gaia Mission	Estaque	Ran Quedar Telespazio VEGA Deutschland

## Thursday, 31 May 2018

6:45 am- 7:30 am	<b>SIGHT RUNNING MARSEILLE</b>	Hotel Novotel Vieux Port	
2:30 pm- 3:00 pm	<b>DM - Data Analytics and Automation I</b> Machine Learning Modeling Methods for Radiation Belts Profile Predictions	Grand Large	Timothy Finn Telespazio VEGA Deutschland
2:30 pm- 3:00 pm	<b>GSE - Mission Operations Systems Infrastructures and Roadmaps II</b> Evolution of Mission Control System development with EGS-CC	Lacydon	Marc Niezette Telespazio VEGA Deutschland
4:00 pm- 6:00 pm	<b>CSO - Automation in Operations</b>	Notre Dame	Co-Chair: Zeina Mounzer Telespazio VEGA Deutschland
5:30 pm- 6:00 pm	<b>GSE - Mission Operations Systems Infrastructures and Roadmaps III</b> An EGS-CC-based Core Control Segment	Lacydon	Marc Niezette Telespazio VEGA Deutschland

## Friday, 1 June

7:00 am- 7:45 am	SIGHT RUNNING MARSEILLE	Hotel Novotel Vieux Port	
9:00 am- 10:00 am	CSO - Commercial Transportation Services	Notre Dame	Co-Chair: Zeina Mounzer Telespazio VEGA Deutschland
9:30 am- 10:00 am	CSO - Commercial Transportation Services Identification of User Needs and Possible Platforms for Future Microgravity and Space Experimentation	Notre Dame	Colleen Boggs Telespazio VEGA Deutschland
10:30 am- 12:30 pm	CSO - Managing Satellite Constellations	Notre Dame	Co-Chair: Zeina Mounzer Telespazio VEGA Deutschland
10:30 am- 11:00 am	PS - Ground Stations II Ground Station Network Scheduling through Genetic and Deterministic combined algorithm	Saint-Jean	Roberta Falone Telespazio SpA
11:30 am- 12:00 pm	PS - Ground Stations II Mission of Change - Planning for Mars Express then and now	Saint-Jean	Robin Steel Telespazio VEGA Deutschland