

Organizer	Special Session
Patarin-Jossec, Julie	Twenty years of the International Space Station: Shaping the future of human space exploration
Steimle, Christian	Commercial Platforms on the International Space Station - New Low Cost Opportunities for Commercial and Institutional Missions
Dammann, Armin	Swarm Systems for Future Space Exploration
Schmullius, Christiane	Earth Observation and Sustainable Development Goals – Views from a Decade with the Group on Earth Observations. Panel Discussion on Readiness for a Terrestrial Forecasting System.
De Mey, Stefaan	ISECG Global Exploration Roadmap 3: Moving forward human and robotic exploration
Du, Hui	The Global Space Partnership for the Sustainable Development Goals: delivering optimal space solutions to Member States of the United Nations
Vrolijk, Ademir	Space needs everyone's ideas! Prizes and challenges in the space sector
Smith, David H.	New Challenges for Planetary Protection
Krutzik, Markus	Quantum technologies for Space - Development and Applications
Ziemke, Claas	Open Source Space Workshop
Wagner, Erika	Commercial Suborbital: Opening the Aperture for Space Utilization
Heinicke, Christiane	A Scientific "Wish List" for Research Facilities on the Moon
Lukaszczyk, Agnieszka	The golden age of the European Earth observation
Milza, Fabiana	#HiddenNoMore: Empowering Young Women in the Space Sector
Hirn, Attila	Space Chemistry: a Key to Fostering Space Exploration
Woerner, David	Challenges, Technologies and Solutions for Exploration of Icy and Ocean Worlds
Sommer, Bernd	Innovative space craft concepts
Feuerbacher, Berndt	Galileo, the European Global Navigation System
Buscher, Martin	RF Spectrum for TT&C - Regulatory Framework vs. Needs of Operators
Vergoossen, Tom	Quantum Key Distribution – The Future of Cryptography
Stryker, Timothy	Landsat-Copernicus Sentinel 2 Collaboration: Integrated operational land imaging to meet user needs worldwide
Brungs, Sonja	Finding the Perfect Ground-Based Facility for Microgravity Simulation
Nagendra, Narayan Prasad	Adoption of Space Technologies and Applications in Emerging/NewSpace Actors
Jaime, Andrea	Pitch your idea! - The Innovation Pitch Challenge
Onoda, Masami	Space for Sustainable Development
Ellis, Kim	How to build your future workforce with student industry projects, internships and strategic university partnerships.
Aganaba-Jeanty, Timiebi	The Nexus of Blockchain and Space
Jäger, Markus	2018: 10 years Columbus in Space and Delivery of Orion European Service Module
Nader, Ronnie	Latin America beyond LEO: Securing regional participation in the Moon Village.
Gabrielli, Giulia	The European Research Council – funding opportunities for bright minds
Lange, Marc C	The Design Sprint: How to Solve Almost Any Challenge in Less Than a Week
Suominen, Mikko	Space journalism and outreach workshop