

List of Technical Presentations

61st Scientific and Technical Subcommittee

(List is accurate as of 6 February 2024 at 18:00 - Vienna time)

Monday, 29 January
Morning

No Technical Presentations

Afternoon

No Technical Presentations

Tuesday, 30 January
Morning

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|--|
| Item 4 | China Platform of Earth Observation System, Mr.WANG Fengyu, China |
| Item 6 | 2024 Space Debris Activities and Status in ROK - KASI's Space Object Monitoring and Tracking Network and Future Plans & ROK's the Second Plan for Preparing against Dangers in Space, Ms. CHOI Eun Jung, Republic of Korea |
| Item 6 | ESA's zero debris approach, Mr. Holger Krag, ESA |
| Item 4 | Cooperation to protect Dark and Quiet Skies, outcomes of the IAU Symposium 385 "Astronomy and Satellite Constellations: pathways forward," Mrs. Constance Walker and Mr. Piero Benvenuti, IAU |
| Item 4 | Opportunities and Threats for Astronomical Observations from the Moon, Mr. Richard Green, IAU |

Afternoon

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|---|
| Item 4 | China's deep Space exploration, Mr.YANG Ruihong, China |
| Item 5 | Technological Development in the Space Sector: political and institutional setup in Brazil, Mr. Osório Coelho Guimarães Neto, Brazil |
| Item 5 | Leveraging the Space Value Chain for Sustainable Development, Mr. Marc Caesar R. TALAMPAS, Philippines |
| Item 5 | NEMO-HD Satellite Data and Digital Twin Models to Support Sustainable Management of Ecosystems and Related Multi-hazard Risk, Mr. Tomaž Rodič, Slovenia |

Item 5 Space Technologies for Tackling Sustainability Challenges, Mr. Al Zeidi, UAE

Wednesday, 31 January

Morning

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|---|
| Item 7 | Progress in building emergency management satellites and satellite emergency response to major natural disasters in 2023, Mr. LIU Longfei, China |
| Item 6 | Modeling of re-entry events using data from global all-sky meteor cameras, Mr. Jiří Šilha, Slovak Republic |
| Item 12 | Indonesia's Astronomical Observatory: A Novel Global Platform for Space Research Enhancing Peaceful Applications and Space Situational Awareness, Mr. Emanuel Sungging Mumpuni, Indonesia |
| Item 9 | Comprehensive Space Weather Monitoring and Analysis in Brazil and Neighboring Regions, Mr. Clézio Nardini, Brazil |

Afternoon

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|--|
| Item 6 | 2023 Space Debris Activities in France: Highlights, Mr. Francillout, France |
| Item 4 | Space Technology in Egypt, Mr. Sherief Sedky, Egypt |
| Item 7 | Philippine Space Data Mobilization for Enhancing Disaster Resilience, Ms. Jennifer DE MALIGAYA, Philippines |
| Item 11 | APSCO Student Small Satellite Activity Updates, Mr. Gantugs Tsegmid, APSCO |
| Item 4 | Leveraging Space Technology for Advancing Agricultural Development and Ensuring Food Security, Mr. Matieu Henry, FAO |

Thursday, 1 February

Morning

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|--|
| Item 11 | An Overview of the UK activities on Space Based Solar Power, Ms. Mamatha Maheshwarappa, United Kingdom |
| Item 5 | Results of the 2023 Space4Women Expert Meeting, Ms. Laura-Alexe Marcoux, Canada |
| Item 9 | National Preparedness Plan to the 25th Solar Maximum, Mr. YOON, Republic of Korea |
| Item 4 | Space4Water, Nina Kicking, Office for Outer Space Affairs |

Afternoon

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|---|
| Item 6 | U.S. Space Debris Environment and Activity Updates, Mr. Jer Chyi Liou, United States |
| Item 6 | An Update on UKSA's Active Debris Removal Activities, Mrs. Jennifer Barry, United Kingdom |
| Item 4 | Chandrayaan-3: India Soft lands on the southern polar region of the Moon for scientific exploration, Mr. A K Anilkumar and Mr. Prakash Chauhan, India |
| Item 13 | Revolutionizing Dengue Outbreak Management: AI - Driven Space Application in a Smart City Platform - The Brazilian Case, Ms. Ana Cristinga Galhego Rosa, Brazil |
| Item 11 | International standards development activities supporting the Guidelines for the Long-term Sustainability of Outer Space Activities of the Committee on the Peaceful Uses of Outer Space, Mr. Dan Oltrogge, ISO |

Friday, 2 February

Morning

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|--|
| Item 4 | Advancing Science for Disaster Resilience, Ms. Shanna McClain, United States |
| Item 9 | Update of Japanese Activities for Operational Space Weather Services, Mr. Takuya TSUGAWA, Japan |
| Item 15 | The Radiocommunication Assembly (RA-23) and the World Radiocommunication Conference (WRC-23); Results and Future Agenda, Ms. Véronique Glaude, ITU |
| Item 11 | Proposed Human Research Program for Civilians in Spaceflight & Space Habitation, Ms. Bettina "Tina" Beard and Mr. Michael Marge, IAASS |
| Item 5 | Leveraging digital and geospatial innovations for building capacity in Asia and the Pacific, Mr. Keran Wang, ESCAP |

Afternoon

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|--|
| Item 4 | Examples of Optical Astronomy Coordination Requirements in Satellite Authorizations, Ms. Ashley Vanderley and Ms. Merissa Velez, United States |

- Item 4 Aditya L1 & XPoSAT: India's quest to demystify cosmic phenomena, Mr. Prakash Chauhan, India
- Item 5 The Open Universe Initiative, Mr. Ulisses Barres, Brazil
- Item 6 IADC activities for 2023, Mr. Anil Kumar, IADC
- Item 4 IAASS at twenty, Ms. Bettina "Tina" Beard, IAASS

Monday, 5 February

Morning

Title, Presenter, State/Observer Organization

- Items 6 & 10 Current stage of SSA development in Kazakhstan, Mr. Chingis OMAROV, Kazakhstan
- Item 13 Australian Conduits in Digital Health for Sustained Development with Artificial Intelligence, Ms. Chandana Unnithan, Australia
- Item 4 Aerospace Team Graz: Why and how students built rockets, Ms. Dorothea Krasser and Mr. Michael Ortner, Austria
- Item 5 Revolutionizing Traceability in Agro-Forest Commodities: Integrating GNSS Technology for EUDR Compliance in Coffee and Timber Industries, Mr. Sebastian Vogler, Austria
- Item 7 Multi-purpose aerospace monitoring system and service for prompt provision of emergency situations data, Mr. Berik ISKAKOV, Kazakhstan

Afternoon

Agenda item no. Title, Presenter, State/Observer Organization

- Item 7 Latest Trends and Perspectives: Japan's Contribution to disaster risk reduction in the Asia-Pacific Region through Sentinel Asia, Mr. Takanori MIYOSHI, Japan
- Item 4 U.S. Novel Space Activities Authorization and Supervision Framework, Ms. Diane Howard, United States

Tuesday, 6 February

Morning

Agenda item no. Title, Presenter, State/Observer Organization

- Item 9 Indonesia's contribution to the regional space weather research and observation, Mr. Emanuel Sungging Mumpuni, Indonesia
- Item 9 Space Weather activities in Kazakhstan in 2023, Mr. Berik ISKAKOV, Kazakhstan

- Item 5 Production of space systems in Kazakhstan, Mr. Kaiyrzhan KOZHAEV, Kazakhstan
- Item 4 New German Federal Government's Space Strategy, Ms. Christine Schmitz, Germany
- Item 11 A glimpse into Long Term Sustainability efforts by India in 2023, Mr. Anil Kumar, India
- Item 7 Earth Observatory of Singapore – Remote Sensing Lab's Support for Humanitarian Assistance and Disaster Relief, Dr. Sang-Ho Yun, Singapore
- Item 5 Remote Sensing Applications for Supporting SDGs in Indonesia, Ms. Parwati, Indonesia
- Item 9 An update of SCOSTEP's recent activities, Mr. Kazuo Shiokawa, SCOSTEP
- Item 4 The Second International Moon Day Results and Outlook for 2024, Mr. Giuseppe Reibaldi, MVA International Moon Day Group

Afternoon

No Technical Presentations

Wednesday, 7 February

Morning

No Technical Presentations

Afternoon

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|--|
| Item 8 | Characteristic services and applications of Beidou Satellite Navigation System, Ms. DU Juan, China |
| Item 9 | Recent Activities on Space Weather in China and Perspectives on International Collaboration, Mr. LUO Bingxian, China |
| Item 5 | Application of Feng Yun Meteorological Satellites for Sustainable Development, Mr. GUO Jianguang, China |
| Item 5 | The development of the space industry in the Republic of Kazakhstan, Mr. Baubek Oralmagambetov, Kazakhstan |

Thursday, 8 February

Morning

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|--|
| Item 5 | Overview of the Space Analytics & Solution Program, Mr. Hamed Al Hashmi, UAE |

- Item 10 Pre-recorded: Activities of near-Earth space observation in Ukraine in 2022-2023, Mr. Oleksandr Kozhukhov, Ukraine
- Item 10 Near-Earth Objects - Threats and Treasures, Mr. Paul Wunderl, NSS
- Item 11 Challenges to Sustainable Lunar Exploration, Ms. Michelle Hanlon, For All Moonkind

Afternoon

| Agenda item no. | Title, Presenter, State/Observer Organization |
|------------------------|---|
| Item 9 | Operations summary of the Russian segment of China-Russia Consortium for space weather, Mr. Viacheslav BUROV, Russia |
| Item 6 | ASI activities on Space Debris, Ms. Alessandra DI CECCO, Italy |
| Item 11 | Data Sharing for Space Traffic Management, Mr. Alessandro Cacioni, United Kingdom |
| Item 11 | United Nations "Moon Farside Science Treaty, Mr. Claudio Maccone, IAA |
| Item 5 | Showcasing the Benefits of Space at the UN Summit of the Future: Opportunity to advance the peaceful and sustainable use of outer Space, Dr. Milind Pimprikar and Mr. Jagdish Patankar, CANEUS (CANada-EUrope-US-Asia-Africa) |

Friday, 9 February
Morning

No Technical Presentations

Afternoon

No Technical Presentations