

List of Technical Presentations

62nd Scientific and Technical Subcommittee

(List is accurate as of 4 February 2025 at 12:00 - Vienna time)

Monday, 3 February

Morning

No Technical Presentations

Afternoon

Agenda item no.	Title, Presenter, State/Observer Organization
Item 4	Space technologies in support of the European Union regulation on deforestation-free products (EUDR), Ms. Manuela Hirschmugl, Austria
Item 4	Report on the 10th anniversary of RCSSTEAP, Mr. Jin Tian, China
Item 5	Near-Earth space observation activities at Ukraine in 2024, Mr. Oleksandr Kozhukhov, Ukraine [Pre-recorded]
Item 4	Russian and Chinese project of the complex of the Russian outer space theater, Mr. Iurii Babonov and Ms. Maria Ulyanova, Russian Federation
Item 3	Brazil's investment policy in the space sector, Mr. Osório Coelho Guimarães Neto, Brazil

Tuesday, 4 February

Morning

Agenda item no.	Title, Presenter, State/Observer Organization
Item 5	Global implementation of active debris removal, Mr. Nobu Okada, Japan
Item 4	China's earth observation system promotes global socioeconomic sustainable development, Mr. Gao Jing, China [Pre-recorded]
Item 5	Current stage of space situational awareness development in Kazakhstan, Mr. Chingis Omarov, Kazakhstan
Item 4	Paraguay space agency: Advancing space technology and geospatial data: Paraguay's journey towards innovation and sustainability, Mr. Alejandro Román, Paraguay
Item 3	The third International Moon Day results and outlook for 2025, Mr. Nasr Al-Sahhaf, Moon Village Association (MVA) [Pre-recorded]

Afternoon

Agenda item no.	Title, Presenter, State/Observer Organization
Item 5	Progress on (laser-)optical technologies and retroreflectors for space traffic management, Mr. Nils Bartels, Germany
Item 4	Global ocean and climate satellite observation network in China and role in the United Nations decade of ocean science, Mr. Xu Ying, China
Item 4	Mattei plan for Africa activities, Ms. Maria Chiara Noto and Ms. Alessandra Vernile, Italy

Item 8 Ensuring operational capabilities at the Russian segment of the ICAO international space weather service, Mr. Viacheslav Burov [Pre-recorded], Russian Federation.

Wednesday, 5 February

Morning

Agenda item no.	Title, Presenter, State/Observer Organization
Item 3	Current status and future of human resource development and industry innovation through international collaboration, Mr. Naohiko Kohtake, Japan
Item 15	Dark and quiet skies: perspective from a satellite operator, Mr. Enrique Allona Pérez, The United Kingdom
Item 5	Space debris mitigation regulations and technical standards of China, Ms. Liu Jing, China
Item 6	The application of space science and technology in disaster management in Kazakhstan, Mr. Serik Nurakynov, Kazakhstan
Item 4	Space technology development initiatives spearheaded by PhilSA and its contribution to the United Nations sustainable goals (SDGs), Mr. Raynell A. Inojosa, Philippines [Pre-recorded]

Afternoon

Agenda item no.	Title, Presenter, State/Observer Organization
Item 9	Peaceful Applications of Space Rocks: JAXA's Contributions to Science and Humanity, Mr. Tomohiro Usui, Japan
Item 6	Space based information for emergency management in China (2024), Ms. Liu Longfei, China
Item 8	Development of space weather monitoring system components in Kazakhstan, Mr. Serik Nurakynov, Kazakhstan
Item 6	ASI activities on space-system-based disaster management, Ms. Simona Zoffoli, Italy
Item 5	Status and plans for space situational awareness in the Republic of Korea, Ms. Choi Eun Jung, Republic of Korea

Thursday, 6 February

Morning

Agenda item no.	Title, Presenter, State/Observer Organization
Item 10	Findings from the United Kingdom Space Agency and Office for Outer Space Affairs space environment sustainability assessment, Ms. Jennifer Barry, The United Kingdom
Item 5	Space road right and the principles for avoidance of on-orbit collision (AOC), Mr. Wang Guoyu, China
Item 8	Update of Japanese activities for operational space weather services, Mr. Takuya Tsugawa, Japan
Item 5	Results of monitoring by Roscosmos of the key events in the near-Earth orbit in 2024, Ms. Ekaterina Ranyuk and Ms. Oksana Sukhareva, Russian Federation

Afternoon

Agenda item no.	Title, Presenter, State/Observer Organization
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Item 5	International airborne observation campaign dedicated to the re-entry of the European Space Agency's Cluster - Salsa satellite, Mr. Jiří Šilha, The Slovak Republic
Item 15	VGOS – The VLBI Global Observing System, Mr. Rüdiger Haas, Germany
Item 8	China meteorological administration space weather operations update, Mr. Guo Jianguang, China
Item 8	ASI activities on space weather, Ms. Alessandra Di Cecco, Italy
Item 5	Update on European Space Agency's space sustainability efforts, Mr. Holger Krag, European Space Agency (ESA)

Friday, 7 February

Morning

Agenda item no.	Title, Presenter, State/Observer Organization
Item 6	2024 space debris activities in France, Mr. Laurent Francillout, France
Item 6	Kazakhstan's experience in developing the Taskyn information program, Mr. Olzhas Shokparov, Kazakhstan
Item 9	Research on monitoring and early warning system of Near-Earth Asteroids based on Space-Earth coordination, Mr. Chen Yongcai, China
Item 9	ASI activities on near-Earth objects, Mr. Marco Castronuovo, Italy
[TBC]	3xE – energy, economy, environment, the case for big data farms relocation in outer space, Mr. Adriano V. Autino, Space Renaissance International (SRI)

Afternoon

Agenda item no.	Title, Presenter, State/Observer Organization
Item 8	Development of space weather capability in China, Mr. Luo Bingxian, China
Item 8	The general issues of space sunshade system creation, Mr. Anatolii P. Alpatov and Mr. Erik O. Lapkhanov, Ukraine
[TBC]	[TBC], [TBC], India
Item 4	Benefiting from space technology for monitoring agricultural production and achieving sustainable development goals, Mr. Matieu Henry and Mr. Dario Spiller, Food and Agriculture Organization of the United Nations (FAO)
Item 8	Activities of the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP), Mr. Kazuo Shiokawa, the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP)

Monday, 10 February

Morning

Agenda item no.	Title, Presenter, State/Observer Organization
Item 10	Progress and prospects in extraterrestrial resource utilization, Mr. Yao Wei, China
Item 5	Methodological approach to assessing the impact of space debris and meteoroids on orbital vehicles taking into account the

- Item 4 cumulative impact of small-size fractions, Ms. Ekaterina Ranyuk, Russian Federation
- Item 5 Space missions program, Mr. Clézio Marcos de Nardin, Brazil
- [TBC] A call for action from Tunisia on international regulatory frameworks, Mr. Kamel Besbess, Tunisia
- [TBC] Collaborative potential for synergies between AI and quantum science and technology with space applications, Mr. Milind Pimprikar, CANEUS

Afternoon

Agenda item no.	Title, Presenter, State/Observer Organization
Item 12	Health research in the SSA-HSF1 mission, Mr. Hamed Edrees, Saudi Arabia
Item 12	Disease prevention and control in China based on spatial information technology, Mr. Wang Yong, China
Item 12	Australian progress in digital health leveraging space technologies, Ms. Chandana Unnithan, Australia [Pre-recorded]
Item 4	Space and Earth science at low Earth orbit. Prospects of cosmonautics, Mr. Dmitry Zarubin, Russian Federation
Item 12	Designing resilience: Healthcare innovations from space to remote environments, Ms. Danica Vallone, National Space Society (NSS)

Tuesday, 11 February

Morning

Agenda item no.	Title, Presenter, State/Observer Organization
Item 10	Green in space manufacturing, Ms. Guo Xiaoyan, China
Item 14	Utilization of geostationary orbit: The example of the development of space communication in the Republic of Kazakhstan, Mr. Malik Zhuriktayev, Kazakhstan
Item 13	Overview of Canadian activities on space nuclear power systems, Mr. Rinat Rashapov, Canada
Item 8	Space weather research in the Philippines: status and opportunities, Mr. Ernest P. Macalalad, Philippines [Pre-recorded]
[TBC]	[TBC], [TBC], India

Afternoon

No Technical Presentations

Wednesday, 12 February

Morning

Agenda item no.	Title, Presenter, State/Observer Organization
Item 3	Enhancing Tunisia's space sector: technologies, applications and regulatory considerations, Mr. Kamel Besbess, Tunisia
[TBC]	[TBC], [TBC], United Arab Emirates
Item 12	Development of a Neuro-Helmet for monitoring cognitive and behavioral processes of cosmonauts in extreme conditions, Ms. Gutoreva Alina, Kazakhstan

- Item 10 Recognizing cultural heritage as part of new guidelines for the long-term sustainability of outer space activities, Mr. Michelle Hanlon, For All Moonkind
- Item 10 Integrating culture, commerce, and collaboration for sustainable space exploration, Ms. Chantelle Baier, National Space Society (NSS)

Afternoon

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

- Item 15 Morocco's contribution to the Dark and Quiet sky initiative for peaceful space uses, Mr. Zouhair Benkhaldoun, Morocco [Pre-recorded]
- [TBC], [TBC], United Arab Emirates
- [TBC] Preparedness and response of the Republic of Korea to space weather during the solar maximum, Mr. Yoon Ki-Chang, Republic of Korea
- [TBC] Building a space factory in the Lagrange point L5 of the Earth-Moon system, Mr. Werner Grandl, Space Renaissance International (SRI)
- Item 15 A long-term strategy for space-based astronomy and lunar surface observatories, Mr. Fredrick Jenet, National Space Society (NSS)

Thursday, 13 February

Morning

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

- Item 3 Chang'E-6 mission, Mr. Yang Ruihong, China
- Item 10 Long-term sustainability of space activities, Mr. Tarcísio Bakaus, Brazil
- Item 10 Space elevators for long-term sustainability, Mr. Jason Arnold, National Space Society (NSS) [Pre-recorded]
- Item 15 Towards an intergenerational pact for space sustainability: what does it mean for dark and quiet skies?, Ms. Giuliana Rotola, Space Generation Advisory Council (SGAC) [Pre-recorded]
- Item 11 Charting the future: Enhancing collaboration and impact in space governance, Mr. Karlton Johnson, National Space Society (NSS) [Pre-recorded]

Afternoon

No Technical Presentations

Friday, 14 February

Morning

No Technical Presentations

Afternoon

No Technical Presentations