List of Technical Presentations and Side Events for the 57th Session of the Scientific and Technical Subcommittee*

*This information is accurate as of 31 January 2020 at 10:00 AM.

Monday, 3 February, 2020

| Afternoon | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 12 (NEOs) | "Physical parameters of near-Earth objects from radar observations", Mr. Iurii Bondarenko, Russian Federation |
| Agenda item no. 13 (LTS) | "ISU Team Project "Sustainable Moon", Mr. Scott Ritter, ISU |
| Agenda item no. 4 (GEV) | "International Space Forum 2019 – The Mediterranean Chapter – in Reggio Calabria (Italy)", Mr. Carlo Morabito, Italy |
| Agenda item no. 7 (Remote sensing) | "System of earth's remote sensing in IKI and international collaboration", Mr. Andrey Sadovski, Russian Federation |

| Evening | |
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| Receptions/Side Events | |
| Starting at 6:00 PM Cloud21, Saturn Tower, Leonard-Bernstein-Strasse 10 | Swiss welcome reception |

Tuesday, 4 February, 2020

| Morning | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 11 (Space weather) | "PRESTO (Predictability of the Variable Solar-Terrestrial Coupling) - the new scientific program for SCOSTEP" (Exact title TBC), Mr. Kazuo Shiokawa, SCOSTEP |
| Agenda item no. 11 (Space weather) | "Japan's Activities for Space Weather", Mr. Mamoru Ishii, Japan |
| Agenda item no. 4 (GEV) | "World Space Forum", Ms. Andrea Kleinsasser, Austria |
| Agenda item no. 13 (LTS) | "Advancing Planet Earth's Resource Resiliency Through SAR Analytics", Presenter Mr. Elly Perets, Israel |
| Agenda item no. 4 (GEV) | "Baku State University: achievements and perspectives for cooperation in science, education and innovation", Mr. Elchin Babayev, Republic of Azerbaijan |

| Lunch | |
|------------------------|-------------------|
| Receptions/Side Events | |
| | No events planned |

| Afternoon | |
|------------------------------------|--|
| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 11 (Space weather) | "PECASUS - Global operational space weather forecasting for the mitigation of space weather effects", Mr. Ari-Matti Harri, Finland |
| Agenda item no. 4 (GEV) | "Milestones of the Russian Space Science Program", Mr. Lev Zelenyy, Russian Federation |
| Agenda item no. 11 (Space weather) | "System and service for management of space weather risk in Korea", Mr. Yun Jong Yeon, Republic of Korea |
| Agenda item no. 4 (GEV) | "ISU Team Project 'Space 2030: space for the future, space for all' ", Ms. Sandra Vogt, ISU |

| Evening | |
|------------------------|--|
| Receptions/Side Events | |
| Starting at 6:30 PM | "EU - UN 40 Years Together in Vienna, Multilateralism at work" |
| Urania Observatory | |

Wednesday, 5 February, 2020

| Morning | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 4 (GEV) | "The results of The Hague International Space Resources Working Group", Mr. Giuseppe Reibaldi and Mr. Kyle Acierno, The Netherlands |
| Agenda item no. 4 (GEV) | "Update on the Consortium for Execution of Rendezvous and Servicing Operations (CONFERS)", Mr. Brian Weeden, USA |
| Agenda item no. 16 (Global Health) | "Japan's Activities for Global Health", Ms. Yumi Matsushita, Japan |
| Agenda item no. 7 (Remote sensing) | "Overview of China Earth Observation Program", Mr. Xudong Tong, China |

| Lunch | |
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| Receptions/Side Events | |
| Boardroom D | "Opportunities and Challenges for International Cooperation in the Implementation of the LTS Guidelines" |
| 13:00-14:30 To be followed by a | Organized and hosted by the Secure World Foundation. |
| reception at the Fourth Floor Coffee Corner | (This panel event is open to registered COPUOS delegates only and is not open to the public or press.) |

| Afternoon Afternoon | |
|---------------------------------------|--|
| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 16 (Global Health) | "Knowledge Transfer from Space Medicine to Global Health on Earth", Mr. Thais Russomano, Brazil |
| Agenda item no. 4 (GEV) | "The Space Safety Coalition (SSC) in the context of international space cooperation", Mr. Daniel Oltrogge, USA |
| Agenda item no. 8 (Debris) | "Space Debris Mitigation Activities at ESA in 2019", Mr. Holger Krag, ESA |
| Agenda item no. 8 (Debris) | "Current Status of IADC Activities", Mr. Laurent Francillout, France |

| Evening | |
|------------------------|---|
| Receptions/Side Events | |
| Starting at 6.00 PM | Reception by India on the 25th anniversary of the Regional Centre for Space Science |
| Outside Boardroom D | and Technology Education in Asia Pacific. |

Thursday, 6 February, 2020

| | Morning Morning | |
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| Agenda item no. | Title, presenter, State/Observer organization | |
| Agenda item no. 8 (Debris) | "The 2019 U.S. Government Orbital Debris Mitigation Standard Practices", Mr. Jer Chyi Liou, USA | |
| Agenda item no. 6 (Space and global health) | "Transitioning space medicine to serve health on earth", Mr. Nandu Goswami, CANEUS International | |
| Agenda item no. 8 (Debris) | "Overview of recent activities on space situational awareness in the Republic of Korea", Mr. Cho Sungki, Republic of Korea | |
| Agenda item no. 8 (Debris) | "Chang'e 4 and the Mysterious Farside of the Moon", Ms. Qian Wang, China | |

| Lunch | |
|------------------------|---------------------------------------|
| Receptions/Side Events | |
| Board Room D | UN/Japan Space Debris Joint Statement |
| 13:00-14:00 | Followed by a reception |

| Afternoon | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 4 (GEV) | "Moon Village Association Global Survey about Moon Exploration", Mr. Giuseppe Reibaldi & Ms. Aline Decadi, Moon Village Association |
| Agenda item no. 6 (Socioeconomic development) | "From boosting space education to boosting space economy", Mr. Gaetan Petit, Switzerland |
| Agenda item no. 6 (Socioeconomic development) | "Training Course for the African Countries at the Broglio Space Center in Malindi", Ms. Gabriella Arrigo, Italy |
| Agenda item no. 6 (Socioeconomic development) | "ISU Team Project "Space for Urban Planning", Mr. Leo Baud, ISU |

| Evening | |
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| Receptions/Side Events | |
| 18:30-21:30 ESPI, Schwarzenbergplatz 6, A-1030 Vienna | ESPI-UNIDIR Evening Event "Space Traffic Management: National and International Perspectives" |

Friday, 7 February, 2020

| Morning | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 6 (Space and global health) | "Space Support to Sustainable Development Goals", presenter TBC, Pakistan |
| Agenda item no. 4 (GEV) | "Space cooperation through Kibo utilization", Mr. Daisaku Ozawa, Japan |
| Agenda item no. 13 (LTS) | "The impact of mega-constellations of communication satellites on Astronomy", Mr. Piero Benvenuti, IAU |
| Agenda item no. 12 (NEOs) | "International cooperation in field of observations of the near-Earth objects within ISON project", Mr. Igor Molotov & Mr. Alexander Aptekarev, Russian Federation |

| Lunch | |
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| Receptions/Side Events | |
| 13:00-14:00 - Board Room D | "UNOOSA/JAXA Cooperation on Capacity Building Initiatives" |
| Coffee corner 4th floor | Followed by Reception |

| Afternoon Afternoon | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 13 (LTS) | "Title TBC", Ms. Michelle Hanlon, For All Moonkind |
| Agenda item no. 6 (Socioeconomic development) | "Spin-in and procurement support as key components for industry development in emerging space countries", Mr. Michal Brichta, Slovakia |
| Agenda item no. 12 (NEOs) | "The First Interstellar Comet 2l/Borisov: a New Touch in the NEO Problem", Mr. Gennadii Borisov, Russian Federation |
| Agenda item no. 8 (Space debris) | "2019 Space Debris Activities In France: Highlights", Mr. Laurent Francillout, France |
| Agenda item no. 16 (Space and global health) | "Geo-spatial applications in health crisis management: A knowledge translation experience and roadmap", Ms. Chandana Unnithan, Australia |

| Evening | |
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| Receptions/Side Events | |
| | No events planned. |

Monday, 10 February, 2020

Morning

| Agenda item no. | Title, presenter, State/Observer organization |
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| Agenda item no. 4 (GEV) | "New Way of International Space Collaboration- University-based "UNISEC-Global", Mr. Shinichi Nakasuka, UNISEC Global |
| Agenda item no. 4 (GEV) | "APRSAF Vision for the next decade in Asia-Pacific Region", Mr. Akira Kosaka, Japan |
| Agenda item no. 4 (GEV) | "ISRO's Mission updates 2019", presenter TBC, India |
| Agenda item no. 9 (Disaster management) | "EO-ALERT- A Novel Satellite Architecture for Detection and Monitoring of Extreme Events in Real-time", Mr. Otto Koudelka and Mr. Murray Kerr, Austria |

| Lunch | |
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| Receptions/Side Events | |
| | No events planned. |

| Afternoon | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 16 (Socioeconomic development) | "A Global Initiative To Improve Living Conditions for Indigenous Populations Using Space Technologies", Mr. Milind Pimprikar, CANEUS International |
| Agenda item no. 6 (Debris) | "Space Debris Mitigation using dedicated Solid Rocket Propulsion", Mr. Paweł Nowakowski, Poland |
| Agenda item no. 4 (GEV) | "UNNATI - India's Training programme on Nanosatellite building", Presenter TBC, India |
| Agenda item no. 5 (PSA) | "ActInSpace 2020 edition: contribution to Access to Space for All", Mr. Guillaume Prigent, France |

| Evening Evening | |
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| Receptions/Side Events | |
| | No events planned. |

Tuesday, 11 February, 2020

| Morning | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 5 (PSA) | "Space for Water", Ms. Nina Kickinger, UNOOSA |
| Agenda item no. 10 (GNSS) | "Status of KPS Plans", Mr. Joo Jungmin, Republic of Korea |
| Agenda item no. 4 (GEV) | "NASA's Commercial Lunar Payload Services initiative", Mr. Steven Clarke, USA |

| Lunch | |
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| Receptions/Side Events | |
| 13:00-15:00 Room C6 – C Building 7th floor | French-language side event |

Afternoon

SYMPOSIUM

| Evening | |
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| Receptions/Side Events | |
| | No events planned. |

Wednesday, 12 February, 2020

| Morning Mornin | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 4 (GEV) | "Lunar Science with Chandrayaan-2 orbiter", presenter TBC, India |
| Agenda item no. 4 (GEV) | "India's Human spaceflight programme - Gaganyaan: Update", presenter TBC, India |
| Agenda item no. 8 (Space debris) | "Space Safety and The IAASS Manifesto", Mr. Taro Kuusiholma, IAASS |
| Agenda item no. 6 (Socioeconomic development) | "SIRIUS 20/21: the upcoming 8-month mission", Mr. Oleg Orlov, Russian Federation |

| Lunch | |
|------------------------|--------------------|
| Receptions/Side Events | |
| | No events planned. |

| Afternoon Afternoon | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 7 (Remote sensing) | "ASI's Earth Observation Missions for Environment Monitoring", Mr. Luigi Dini, Italy |
| Agenda item no. 8 (Debris) | "Space debris laser ranging – Recent progress and new applications", Mr. Michael Steindorfer, Austria |
| Agenda item no. 13 (LTS) | "IAASS position on space debris management", Mr. Michael Kezirian, IAASS |
| Agenda item no. 5 (PSA) | "Chinese International Open Sharing Satellite AIT", Mr. Guoqing Liu, China |

| Evening | |
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| Receptions/Side Events | |
| | No events planned. |

Thursday, 13 February, 2020

| Morning | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 10 (GNSS) | "Education and Training Activities- APSCO Student Small Satellite Project", Mr. Mohammad Ebrahimi Seyedabadi, APSCO |
| Agenda item no. 4 (GEV) | "India's Satellite navigation programme and ICG-14", presenter TBC, India |
| Agenda item no. 9 (Disaster management) | "Flood Monitoring and Damage Assessment in Agriculture by Space Remote Sensing", Mr. Omid SHEKOOFA, Iran |
| Agenda item no. 11 (Space weather) | "Space Weather activities in Austria", Mr. Roman Leonhardt, Austria |

| Lunch | |
|------------------------|---|
| Receptions/Side Events | |
| 13:30-14:00 - Room C6 | "Update on UNOOSA Project on Space Law for New Space Actors". |

| Afternoon Afternoon | |
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| Agenda item no. | Title, presenter, State/Observer organization |
| Agenda item no. 5 (PSA) | "ASI experiments for the mission BEYOND: applications for a better life in space", Mr. Giovanni Valentini, Italy |
| Agenda item no. 10 (GNSS) | "Development of Bedouin Navigation Satellite System", Mr. Rutao Zhao, China |
| Agenda item no. 6 (Socioeconomic development) | "SRG X-ray orbital observatory: Successful start of work", Mr. Rashid Sunyaev, Russian Federation |

| Evening | |
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| Receptions/Side Events | |
| | No events planned. |

Friday, 14 February, 2020

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| | Morning Morning |
| No technical presentations | S |
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| | Lunch |
| Receptions/Side Events | |
| | No events planned. |
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| | Afternoon |
| No technical presentations | s |
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| <u>Evening</u> | |
| Receptions/Side Events | |
| | No events planned. |
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