



**Draft ver.12**

PROGRAMME

# **2024 UN Conference on Space Law and Policy**

19-21 November 2024

Vienna, Austria



UN Conference on Space Law and Policy  
Vienna, Austria

**DAY 1 – TUESDAY, 19 NOVEMBER 2024**

9:00-10:00

**Registration & Coffee Break**

**OPENING SESSION**

10:00 – 10:15

- *Welcome Remarks*  
Aarti Holla-Maini, Director, UNOOSA

**THEME 1** *Promoting responsible, peaceful and safe use of outer space and maintaining sustainability of outer space activities*

10:15-12:00

**Moderator:**

Michael Newman, UNOOSA

**Speakers**

- 10:15-10:30 Introduction by the Moderator
- 10:30-11:00 (10 min. Q&A)  
The Issues and Approaches for Space Debris Mitigation from the Perspective of the Republic of Korea  
Nayoung Youn, Korean Aerospace Research Institute
- 11:00-11:30 (10 min. Q&A)  
International Space Law: Trends, Challenges and Prospects for Multilateral Cooperation  
Sergey Belousko, Ministry of Foreign Affairs, Russian Federation
- 11:30-12:00 (10 min. Q&A)  
Global Commitment to Space Sustainability: Integrating SSA and STM Initiatives  
Muhammad Naveed, Space & Upper Atmosphere Research Commission, Pakistan
- **WITHDREW**  
Responsibility, Authorization, and Supervision in Space Industry  
Fatemeh Fereydouni, Iranian Space Agency
- **WITHDREW**  
Need for Establishing a Regulatory Framework to Determine Liability for Unforeseeable Damages in Outer Space  
Anusha Karanam, Agnikul Cosmos Private Limited
- **WITHDREW**  
A review of the Legal Framework for the Future of Sustainable Space Exploration: Access for Third World Countries  
Chinonso Nwoye, National Space Research & development Agency, Nigeria



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12:00 – 14:00	<i>Lunch Break</i>
<b>Breakout session</b> <i>Legal Aspects of Safety of space operation</i>	
14:00-14:30	<p><b>Facilitator</b> Yukiko Okumura, <i>UNOOSA</i></p> <ul style="list-style-type: none"> <li>14:00-14:30 Introduction of the Interactive Activity by the Facilitator</li> </ul>
14:30 – 15:00	<i>Coffee Break</i>
15:00 – 18:00	<ul style="list-style-type: none"> <li><b>Morning- 15:00 Stage 0</b> All participants will be allocated to either of the following 3 Groups. The members of the Group will be announced on the Morning of Day 1. Please check your Group. During the Break, participants are expected to move to join their Group.</li> <li><b>15:00-16:00 Stage 1</b> Moderators and participants to conduct icebreaking activity plus self-introduction.</li> <li><b>16:00-17:00 Stage 2</b> Identifying Keys Legal and Policy Issues</li> <li><b>17:00-18:00 Stage 3</b> Focusing on the Legal Issues</li> </ul> <p><b>- <u>Group1 Authorization and continuous supervision of national space activities</u></b></p> <ul style="list-style-type: none"> <li><b>Moderator</b> Irmgard Marboe, University of Vienna</li> <li><b>Rapporteur</b> Lucia Maori, University of Luxembourg</li> </ul> <p><b>- <u>Group2 Debris mitigation and remediation</u></b></p> <ul style="list-style-type: none"> <li><b>Moderator</b> Xu Yu, Ministry of Foreign Affairs, China</li> <li><b>Rapporteur</b> Seeru Tiwari, National Law Institute University Elisa Muchar, UNOOSA</li> </ul> <p><b>- <u>Group3 Operational safety&amp; environmental impact</u></b></p> <ul style="list-style-type: none"> <li><b>Moderator</b> Kuan-Wei Chen, Bond University</li> <li><b>Rapporteur</b> Laetitia Cesari, University of Luxembourg</li> </ul>



**DAY 2 – WEDNESDAY, 20 NOVEMBER 2024**

**THEME 2** *Dark and Quiet Skies and legal framework*

<p><b>10:00 – 12:15</b></p>	<p><b>Moderator:</b> Ulpia-Elena Botezatu, Romanian Space Agency, Chair of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space</p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>10:00-10:15 Introduction by the Moderator</li> <li>10:15-10:45 (10 min. Q&amp;A) Legal and Ethical Considerations For Balancing Space Innovation and Dark Sky Preservation Sara Langston, Embry-Riddle Aeronautical University</li> <li>10:45-11:15 (10 min. Q&amp;A) Contra Mare Liberum: How to Seek the Solution to Need for Dark Skies Rafia De Gama, University of Pretoria</li> <li>11:15-11:45 (10 min. Q&amp;A) Protection of Quiet Skies: Recommendations to mitigate the impact of satellite mega-constellations on radio astronomy Marieta Valdivia Lefort, Royal Astronomical Society</li> <li>11:45-12:15 (10 min. Q&amp;A) Dark Skies National Park dan Timau National Observatory as representatives of Indonesian Government policies in supporting the Dark and Quiet Skies Nur Almatin, National Research and Innovation Agency (BRIN), Indonesia</li> </ul>
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<p><b>12:15 – 13:45</b></p>	<p><b>Lunch Break</b></p>
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**THEME 3** *“Information Sharing: Unlocking the Key to a Continuation of Cooperation and Peaceful Activities in Outer Space” [PANEL]*

<p><b>13:45 – 16:00</b></p>	<p><b>Moderators</b> Franziska Knur, German Aerospace Center (DLR), Germany Steven Freeland, Western Sydney University and Bond University</p> <p><b>Panelists</b> Jeremy Weinberg, State Department, the United States Jinyuan Su, Wuhan University Institute of International Law Ekaterina Ranyuk ROSCOSMOS Joanne Wheeler, Alden Legal Ian Grosner, Brazilian Space Agency Eshet Tesfaye, Ethiopian Space Agency <b>[Withdraw]</b> Jenni Tapio, European Space Agency</p>
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- Introduction by the Co-Moderators
- Short interventions by the panellists including questions from the Co-Moderators
- Q&A from the floor

## Breakout session *Legal Aspects of Safety of space operation*

16:00 – 16:15

- **Stage 4**  
Moderators and Rapporteurs share the draft report with the group members which they will use it for presenting the outcome on DAY 3.

16:15-16:30

*Coffee Break*

## THEME 4 *“Meet the United Nations speed dating” - UN-Space 20th open session*

16:30 – 18:00

As part of the Conference, UN-Space, the United Nations inter-agency coordination mechanism on space-related activities, invites conference participants to have “dates” with UN personnel, exploring through small groups and informal conversations various areas of work undertaken by different United Nations entities. This is an opportunity to network and ask questions in a comfortable and relaxed way.

**Moderator Tanya Keusen**, UN-Space Secretariat, UNOOSA

### “Dates”

- Tomoko Miyamoto, Head, Patents and Treaties Law Section, Patent and Technology Law Division, World Intellectual Property Organization (WIPO) - "Intellectual property and space activities"
- Dominique Delattre, Section Head, Safety Standards and Security Guidance Development Section, International Atomic Energy Agency (IAEA) - "Nuclear safety and outer space"
- Lorenzo Vita, Geospatial Information Officer, United Nations Office on Drugs and Crime (UNODC) - "Earth observation and geospatial analysis for crime monitoring"
- Yosuke Nakagawa, Associate Expert, United Nations Office for Disarmament Affairs (UNODA) - "Trends, developments and prospects in multilateral space security processes"
- Mark Prior, Head of Scientific Methods, International Data Centre, Comprehensive Test Ban Treaty Organization (CTBTO) - "Monitoring the Earth for nuclear explosions"
- Braden Walsh, Seismic-Acoustic Officer, International Data Centre, Comprehensive Test Ban Treaty Organization (CTBTO) - "Detecting objects from outer space using infrasound"
- Lorant Czarán - Head of the United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-Spider) and OIC Space Applications Section, UNOOSA - "Satellite imagery acquisition and disaster management"
- Nathalie Ricard, Scientific Affairs Officer, UNOOSA - "Dark and quiet skies"



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- Michael Newman, Legal Officer, UNOOSA - "Space resources"
- Anne-Claire Grossias, Associate Programme Officer, UNOOSA - "Space4Women"
- Nina Kickingger, Associate Information Systems Officer, UNOOSA - "Space4Water"



**DAY 3 –THURSDAY, 21 NOVEMBER 2024**

**THEME 5** *Novel legal and policy topics on space activities*

<p><b>10:00 – 12:15</b></p>	<p><b>Moderator</b> Takemi Chiku, UNOOSA</p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• 10:00-10:15 Introduction by the Moderator</li> </ul> <p>10:15-10:45 (10 min. Q&amp;A) Intersection of outer space law and intellectual property law Ryan Shaughnessy, World Intellectual Property Organization</p> <p>10:45-11:15 (10 min. Q&amp;A) The Ecocide Crime: extension of Belgian criminal law in outer space Jean-François Mayence, Belgian Science Policy (BELSPO)</p> <p>11:15 -11:45 (10 min. Q&amp;A) Advancing Private Human Spaceflight: International Law, Regulatory Frameworks, and Public-Private Collaboration Neha Dagley, SpaceMarked</p> <p>11:45-11:45 (10 min. Q&amp;A) Building a Legal Blueprint for RPO Authorisation: Paving the Way for Multijurisdictional Missions for the LTS of Outer Space Activities Vinicus Aloia, Astroscale</p> <p>11:45- 12:15 (10 min. Q&amp;A) Marine-Space Sustainability Governance Violeta S Radovich, Walther Schüking Institute for International Law</p>
<p><b>12:15 – 13:45</b></p>	<p><b>Lunch Break</b></p>

**THEME 6** *National Space Legislation [Panel]*

<p><b>13:45 – 16:00</b></p>	<p><b>Moderator</b> Rosanna Hoffmann, UNOOSA</p> <ul style="list-style-type: none"> <li>• 13:45-13:55 Introduction by the Moderator</li> <li>• 13:55-14:55 Panel 1</li> </ul> <p><b>Panelists</b> Kai-Uwe Schrogl, International Institute of Space Law, European Space Agency Leticia Carolina Garcete Britos, Paraguay Space Agency Cheki Dorji, Government of Technology Agency, Bhutan</p>
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Anna Marie Brennan, University of Waikato  
Marlene Michele Losier, Losier González, PLLC

- 15:00-16:00 Panel 2

### Panelists

Sopheak Cheang, Ministry of Post and Telecommunications, Cambodia  
Prema Elumalai, VIT School of Law, Vellore Institute of Technology Chennai, India  
Rachel Olore, Kenyan Space Agency  
Anahi Aguirre Toni, Ministry of Foreign Affairs, Uruguay

Lisho Mundia, Innovation and Training in the Ministry of Higher Education, Technology and Innovation, Namibia **[Withdraw]**  
Muhammed Ndure, The Gambia Public Utilities Regulatory Authority **[Withdraw]**

16:00 – 16:30

*Coffee Break*

## Reporting of breakout session *Legal Aspects of Safety of space operation*

Facilitator Yukiko Okumura, UNOOSA

- **Stage 5**  
Presentation to Plenary
- **16:30-16:45 Introduction by the Facilitator**
- **16:45-17:00 Group1 Authorization and continuous supervision of national space activities**

### Moderator

Irmgard Marboe, University of Vienna

### Rapporteur

Lucia Maori, University of Luxembourg

16:30 - 17:30

- **17:00-17:15 Group2 Debris mitigation and remediation**

### Moderator

Xu Yu, Ministry of Foreign Affairs, China

### Rapporteur

Seenu Tiwari, National Law Institute University  
Elisa Muchar, UNOOSA

- **17:15-17:30 Group3 Operational safety& environmental impact**

### Moderator

Kuan-Wei Chen, Bond University

### Rapporteur

Laetitia Cesari, University of Luxembourg

## Closing Session





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17:30 - 18:00

- *Takemi Chiku, Chief, Committee, Policy and Legal Affairs Section, UNOOSA*