United Nations
Office for Outer Space Affairs

Program

CONFERENCE ON THE COMMERCIAL LUNAR LANDSCAPE AND POLICY NEEDS

17-18 NOVEMBER 2025, VIENNA INTERNATIONAL CENTRE

Overview

We are entering a second lunar age—one marked by a surge in planned missions to the Moon and growing commercial involvement in lunar exploration and utilization. With more than 100 missions planned by 2030, ensuring the safety, sustainability, and coordination of lunar activities has become a shared priority for both policymakers and industry.

To foster mutual understanding and dialogue, the United Nations Office for Outer Space Affairs (UNOOSA) is organizing an event to map the "Commercial Lunar Landscape and Policy Needs." This event aims to bring together commercial lunar operators and policymakers to exchange perspectives, identify common challenges, and explore pathways for a peaceful and sustainable lunar future.

On the first day, the Conference will provide a comprehensive explanation of the roles, responsibilities, and activities undertaken at the UN in the areas of lunar governance. The goal is to help industry players understand how multilateral policy and governance relate to their plans, including through unique Q&A opportunities with UN and Member State stakeholders.

During the second day, the Conference will give the floor to commercial lunar operators to share their views on policy issues and priorities related to lunar orbit and surface activities. Its aim is to help Member States understand the current state of lunar missions and the role played by lunar operators, their planned activities, operational requirements and technical challenges, and their perspectives on critical needs from multilateral organizations such as COPUOS.

Agenda

Day 1	**Nov 17, 2025** **Understanding Lunar-Related Activities at the UN**
09:00 - 10:00	**Registration & Welcome Coffee - 4th Floor Coffee Corner**
10:00 - 10:10	**Welcome & Introduction** Director Aarti Holla-Maini, UNOOSA
10:10 - 11:10	**Session 1: Action Team on Lunar Activities Consultation (ATLAC)** Moderator: Aarti Holla-Maini, UNOOSA Panellists: • Hasan Abbas, Co-Chair ATLAC • Dr. Ulpia Botezatu, Co-Chair ATLAC
11:30 - 12:30	**Session 2: Working Group on Legal Aspects of Space Resource Activities** Moderator: Rosanna Hoffmann, UNOOSA Panellists: • David M. Reinecke, U.S. Department of State • Ian Grosner, Brazilian Space Agency • Dr. Mathias Link, Luxembourg Space Agency • Steven Freeland, Chair WG SRA (pre-recorded)
12:30 - 13:30	**Session 3: Working Group on Uses of Nuclear Power Sources in Outer Space** Moderator: Romana Kofler, UNOOSA Panellists: • Leopold Summerer, Chair WG NPS • Dandara Araujo da Silva, International Atomic Energy Agency

LUNCH BREAK

Day 1 (Continued)

14:30 - 17:30	**Rolling Coffee - 4th Floor Coffee Corner**
15:00 - 16:00	**Session 4: International Committee on Global Navigation Satellite Systems (ICG) work on Lunar Positioning, Navigation and Timing (PNT)** Moderator: Lóránt Czárán, UNOOSA Panellists: • Javier Ventura-Traveset, European Space Agency • Joel Parker, National Aeronautics and Space Administration • Masaya Murata, Japan Aerospace Exploration Agency
16:00 - 17:00	**Session 5: ITU-R Working Party 7B & Space Frequency Coordination Group (SFCG)** Moderator: Aarti Holla-Maini, UNOOSA Panellists: • Catherine Sham, National Aeronautics and Space Administration
17:00 - 17:15	**Session 6: World Intellectual Property Organization (WIPO) Video** Edward Kwakwa, WIPO
17:15 - 18:15	**Session 7: Lunar and the UN - Opportunities, Challenges, Synergies** Moderator: Dr. Antonino Salmeri, Lunar Policy Platform Panellists: • Ian Grosner, Brazilian Space Agency • Leopold Summerer, Chair WG NPS • Masaya Murata, Japan Aerospace Exploration Agency • Dr. Ulpia Botezatu, Co-Chair ATLAC
18:15 - 18:30	**Closing Remarks** Aarti Holla-Maini, UNOOSA
18:45 - 20:45	**EVENING RECEPTION** **Mozart Room & Restaurant, VIC**

Agenda

Day 2	**Nov 18, 2025** **Understanding Industry Perspectives**
09:00 - 10:00	**Doors Open & Welcome Coffee - 4th Floor Coffee Corner**
10:00 - 11:15	**Session 1: Lunar Orbit Issues** Lunar physics presents multiple challenges stemming not just from the relatively smaller size of the Moon compared to Earth, but also due to the instability of lunar orbits. Topics will include the risk of collisions between assets in lunar orbits, opportunities for their interoperability, lunar traffic coordination, and plans for their safe disposal. Moderator: Clive R. Neal, University of Notre Dame Panellists: • Dr. Ben Bussey, Intuitive Machines • Nicola Pizzolorusso, Telespazio • Paolo Pino, Ph.D., Volta Space Technologies
11:15 - 12:30	**Session 2: Lunar Surface Issues** The lunar surface environment also presents several challenges due to the hostility and diversity of its conditions and the many unknowns that surround it. Topics will include risks posed by dust and exhaust ejection, particularly from landing, potentially harmful interference between moving assets, and overlaps between sites of particular interest to various stakeholders, particularly for resources extraction and energy production. Moderator: Kathryn Hadler, European Space Resources Innovation Centre Panellists: • Clive R. Neal, University of Notre Dame • Jaeho Lee, Unmanned Exploration Laboratory • Maria Antonietta Perino, Thales Alenia Space

LUNCH BREAK

Day 2 (Continued)

14:30 - 17:30	**Rolling Coffee - 4th Floor Coffee Corner**
14:30 - 15:45	**Session 3: Top Three Lunar Priorities** This session will bring together orbital and surface operators to identify the top three key priorities for lunar safety and sustainability to be conveyed to policymakers for their awareness and consideration during upcoming discussions at COPUOS, especially within the framework of ATLAC. Moderator: Pascale Ehrenfreund, Committee on Space Research Panellists: • Steve Clarke, Astrobotic • Takayoshi Fukuyo, ArkEdge Space • Takeshi Hakamada, ispace
16:15 - 17:30	**Session 4: Wrap-up and Next Steps for Policy Engagements** **One Moon for All Overview and Concluding Remarks** Moderator: Dr. Antonino Salmeri, Lunar Policy Platform Panellists: • Aarti Holla-Maini, UNOOSA • Gunhee Park, Korea AeroSpace Administration