SIRIUS
SPACE, BUSINESS & LAW

SPACE TALKS' 24

The objective of this conference is to discuss recent, original and unpublished contributions to the understanding of current issues in space law and commerce and their consequences for modern economies and societies.

This year's theme is sustainability for space, in space and from space. 6 forward-looking themes have been selected (see the programme).

The conference will feature theoretical, experimental and/or policy-oriented contributions.

REGISTRATION :

https://spacetalks24.sciencesconf.org/

LOCATION :

Université Toulouse Capitole, Manufacture des Tabacs, 21 allées de Brienne, bâtiment S

ATTENDANCE :

The SIRIUS Space Talks'24 take place in person. However, it will be possible to participate remotely

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INSCRIPTION EN LIGNE : https://spacetalks24.sciencesconf.org/

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SPACE TALKS' 24

11th Space, Business & Law Conference

Sustainability for Space, Sustainability in Space, Sustainability from Space

Toulouse, 21 June 2024

08:30 - 09:00 am | Breakfast and registration

09:00 - 09:15 am | Opening remarks (Prof. L.Rapp, Chaire SIRIUS, University Toulouse-Capitole, France)

09:15 - 10:15 am | Development Goals for Sustainable Space

- *"The 'Sustainability Odyssey': Crafting Governance for Space Frontiers"*, E.Koellner (University of Mississippi, USA)
- *"The 'Kessler Syndrome Apocalypse': Questioning the adequacy of international space law to regulate space debris?"*, I.Wood (University of Aberdeen, Scotland, UK)
- *"Safeguarding the Skies: Balancing Space Sustainability with Indigenous Rights Protection"*, D.Kasibante, (Space Generation Advisory Council, African Chapter, Austria)

Chairman: L.Rapp, University Toulouse-Capitole

10:30 - 11:30 am | Tracking Carbon in Space Activities

- *"Regulation of Rocket Fuel Emissions in light of the Goals of Sustainable Development ad Net-Zero Emission"*, S.Dhamija (McGill University, Canada)
- *"FuelEU: Lessons to be learned from Maritime"*, H.Tung (Tung Chambers, UK)
- *Unsustainable If Secure: China and technical standards for cyber-safe operations in outer space"*, R.Vecellio Segate (University of Groningen, The Netherlands)

Chairman: C.Balty/A.Garus, Thales Alenia Space

Coffee break

11:45 - 12:45 am | Sustainability, Governance and In-Orbit Activities

- *"Beyond Boundaries: Establishing a Global Framework for Space Traffic Management"*, N.Moraitis (Charter, UK)
- *"The Insurability of Environmental Damages caused by Space Activities"*, S.Paradis (Laval University, Chaire SIRIUS, Canada)
- *"A Universe for All: Unraveling the Enigma of Equitable Sharing of Benefits of Space Resources. How can the benefits of Space Resources be shared equitably?"*, R.Cardellini (Leiden Law School, Air and Space Law, The Netherlands)

Chairman: G.Griseri, Airbus Defense & Space

12:45 - 02:15 pm | Lunch

02:15 - 03:15 pm | Norms, Rules and Principles of Sustainable Behaviors

- *"Towards a Customary Crystallization of Anti-Debris Norms?"*, A.Chazelle (University Toulouse-Capitole, Chaire SIRIUS, France)
- *"Application of Risk-Ethically adjusted Pigouvian Taxes to subsidize the Removal of Orbital Debris"*, M.Bonissi (Università del Piemonte Orientale, Italy)
- *"Legal Frameworks for Space-Made Products: Addressing Jurisdiction, Liability and Long-Term Sustainability in Outer Space"*, A.Kardamaki (Leiden University, The Netherlands)

Chairman: Ph.Gout (University Toulouse-Capitole)

03:15 - 04:15 pm | Corporate Strategies towards Space Sustainability

- *"Entrepreneurial support organization outcomes towards sustainable development"*, A.Cloitre, (Toulouse School of Management, Chaire SIRIUS, France)
- *"Green Space Technologies: Conceptualization and Analysis"*, N.Pulsiri (Toulouse Business School, Chaire SIRIUS, France)
- *"Ecosystems related to subcontracts for celestial minerals"*, J-M.Haziza (University of Bordeaux, Chaire SIRIUS, France)

Chairman: V.Dos Santos Paulino, Toulouse Business School

Coffee break

04:30 - 05:30 pm | Mining Minerals and Settling on the Moon in Sustainable Space

- *"Harmonizing Technology and Law for Lunar Resource Utilization: Machine Learning in Crater Mining and Ice Harvesting under the Moon Treaty and Artemis Accords"*, J.Sandalinas-Baro (Space Lawyer, Spain)
- *"The Environmental Imperative of Space Sustainability: The Case of Lunar Mining"*, G.Leterre (University Toulouse-Capitole, Chaire Sirius)
- *"Legal and sustainability Challenges associated with Lunar Mining and Settlement"*, L.Denoyelles (University of Paris I, France)

Chairman: L.Deroin, CNES

05:30 - 06:30 pm | Closing remarks (L.Monnoyer-Smith, CNES)