

# CALL FOR PAPERS

## SIRIUS SPACE TALKS'26

13<sup>th</sup> SPACE, BUSINESS & LAW CONFERENCE

**Toulouse (France)**  
**December 4<sup>th</sup>, 2026**

### Unlocking the Planet: The Promise of Space-based Data

*Harnessing space data-driven innovation and industrial competitiveness  
for societal resilience, security, and sustainability*

#### OBJECTIVE OF THE CONFERENCE

Organized by the **SIRIUS Chair**, the annual SIRIUS Space Talks aim at discussing recent, original and unpublished contributions to the understanding of current space business and law issues and their consequences for modern economies and societies.

This year's theme is ***Unlocking the Planet: The Promise of Space-based Data. Harnessing space data-driven innovation and industrial competitiveness for societal resilience, security, and sustainability***

The SIRIUS Space Talks'26 will feature theoretical, experimental and/or policy-oriented contributions and will be held in Toulouse at University Toulouse-Capitole.

The Organizing Committee of this 13<sup>th</sup> Space, Business and Law Conference invites scholars, practitioners, policymakers, and industry experts to submit state-of-the-art research papers for presentations on the legal, economic, and business aspects of space-derived data.

Whether in a context of peace or war, whether the information communicated is useful for deploying ground troops, observing the climate, monitoring transport fleets, or energy installations, space-derived data - satellite observations, geospatial analytics, Earth-observation data, and space-based communication streams - are becoming essential resources for governments, markets, and private enterprises.

As these data flows become strategic assets, they depend on increasingly sensitive infrastructures and innovative forms of

connectivity, both in orbit (satellite systems, constellations, orbital slots) and on Earth (ground stations, cloud architectures, processing platforms, regulatory frameworks and data value-chain).

Particularly at a time when promising new D2D connectivity services are emerging and the concept of space data centers is gaining ground. Added to this is the fact that, with the convergence of advances in artificial intelligence and space communications, many commercial services using space-based data are changing in scale.

This 13<sup>th</sup> Conference on Space, Business and Law aims to bring together an interdisciplinary community to explore how legal frameworks, economic dynamics, and business practices interact to shape the rapidly evolving space-data ecosystem.

## TOPICS OF INTEREST

We welcome submissions addressing, but not limited to, the following themes:

### LEGAL AND REGULATORY ISSUES

- Governance of satellite and geospatial data infrastructures
- Data ownership, access rights, and licensing regimes
- International space law and national regulatory frameworks
- Regulation of orbital infrastructures and satellite constellations
- Privacy, security, and ethical issues with large-scale space-data infrastructures
- Liability, compliance, and oversight mechanisms for operators and data providers

## ECONOMIC AND MARKET PERSPECTIVES

- The emerging space-data economy and its infrastructure requirements
- Valuation and monetization of data produced by satellite systems
- Market structures for geospatial information and associated services
- Economic incentives for developing and maintaining space-data infrastructures
- Interoperability, standardization, and the economics of data-sharing networks
- Public investment, externalities, and long-term economic sustainability

## INFRASTRUCTURES FOR SPACE-DERIVED DATA

- Architecture and governance of space-to-Earth data infrastructures
- Satellite constellations, ground segments, and orbital resource management
- Cloud-based processing platforms, data centers, and digital infrastructure
- Interoperability frameworks and data pipelines from sensing to application
- Infrastructure security, resilience, and dependencies
- Emerging technologies (edge AI in orbit, optical communications, mega-constellations) and their legal/economic implications

## BUSINESS MODELS AND INDUSTRY INNOVATION

- Commercialization of space-derived data and value-creation strategies

- Vertical and horizontal integration in the space-data industry
- Venture capital, new entrants, and the rise of data-centric space startups
- Public-private partnerships and infrastructure-sharing models
- Sectoral applications: agriculture, insurance, climate services, transport, energy, real estate, finance, etc.

Interdisciplinary, comparative, and policy-oriented contributions are highly encouraged.

### SUBMISSION GUIDELINES

- Abstract length: **300–500 words**
- Language: **English**
- Submission deadline: **June 12th, 2026**
- Notification of acceptance: **July 10<sup>th</sup>, 2026**
- Format: Please submit your proposal as a PDF file including title, author(s), affiliation(s), and contact information.
- Slot: Every speaker will have a slot of 20 minutes to present his paper.

Full papers are not required, but may be submitted voluntarily for inclusion in conference proceedings or thematic panels.

### ORGANIZING COMMITTEE

The organizing committee is composed of **Lucien Rapp** (University Toulouse-Capitole), **Marie-Clotilde Runavot** (University Toulouse-Capitole), **Victor Dos Santos Paulino** (TBS Education), **Laure Brooker** (Airbus Defence and Space), **Laurent Deroin** (CNES) and **Alexandre Garus** (Thales Alenia Space).

### REGISTRATION AND PRACTICAL INFORMATION

The conference will be held in Toulouse at the University Toulouse-Capitole on **Friday December 4<sup>th</sup>, 2026**.

Prospective participants are invited to pre-register at [marie.merli@ut-capitole.fr](mailto:marie.merli@ut-capitole.fr) and submit papers by e-mail to

- [lucien.rapp@ut-capitole.fr](mailto:lucien.rapp@ut-capitole.fr)
- [marie-clotilde.runavot@ut-capitole.fr](mailto:marie-clotilde.runavot@ut-capitole.fr)

Details regarding registration, program schedule, keynote speakers, and logistics will be provided after acceptance notifications.

### PROCEEDINGS

Contributions will be compiled for publication in the Conference Proceedings which will be widely distributed as part of a special issue of *Space Market Dynamics*, a new editorial platform launched in May 2025 by the **SIRIUS Chair**.