SIRIUS Space Talks'26

Orbital Data Infrastructures: Emerging Paradigms in Space Connectivity

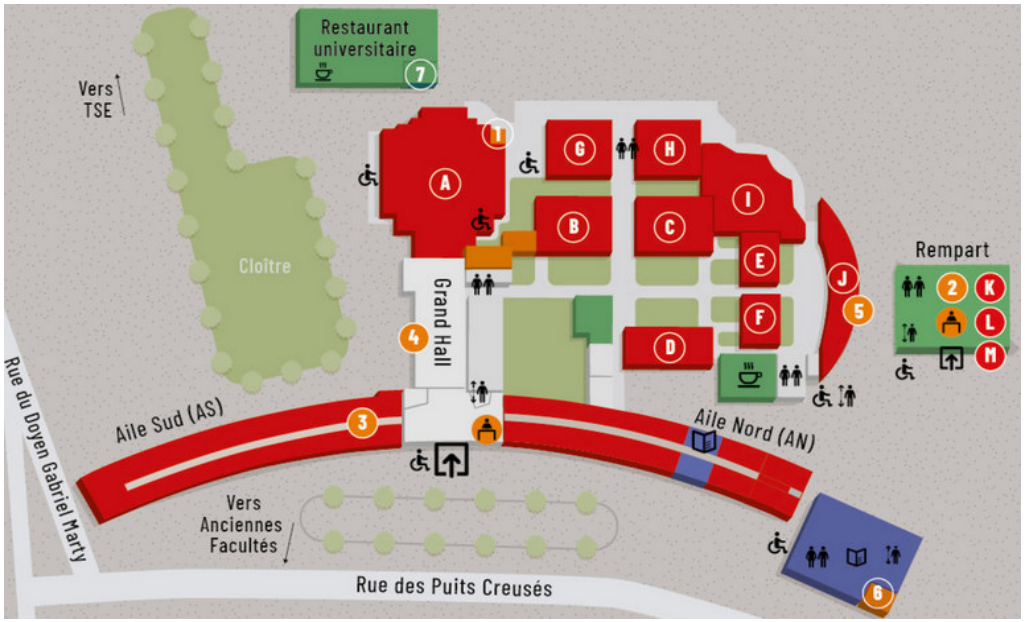
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SIRIUS Space Talks'26 explores the emergence of orbital data infrastructures and their growing role in connectivity, data services and the space economy. Bringing together researchers, legal experts and industry representatives, the symposium will examine the governance, sovereignty, accountability and regulation of satellite constellations, orbital data centers and Earth observation data. It will also consider the implications for industry and emerging European regulation, with a central question: how can law and governance keep pace with the transformation of space into a data-intensive infrastructure?

GETTING TO TOULOUSE CAPITOLE UNIVERSITY

- **By car:** take the Ponts Jumeaux-Amidonniers exit (exit 30). Paid underground parking (Compans Caffarelli car park)
- **By train**: take the metro to Place du Capitole. On foot, follow Rue Romiguières and then turn onto Rue Deville.
- **By plane**: shuttle buses connect the airport to the city centre. The closest stop to the university is Compans Caffarelli. Then walk along Rue Lascrosse, then take Rue des Puits Creusés.

Map of the Arsenal: AMPHI E Conference



Registration : https://spacetalks26.sciencesconf.org/
Organisation : Lucien Rapp and Marie-Clotilde Runavot, Toulouse School of Law, Sirius
Contact : marie.merli@ut-capitole.fr

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SPACE TALKS' 26



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Friday, 4 December 2026

Morning

8:00 / Welcome coffee

9:00 / Opening Session

Welcome Remarks
Introduction to the workshop, *Lucien Rapp, Emeritus Professor, Scientific Director of the SIRIUS Chair, Toulouse School of Law, Toulouse Capitole University, France*

9:45 / Panel 1. Conceptualizing Orbital Data Infrastructure
Session Chair: ***Laure Brooker****, Head of Technical Strategy and R&D, Airbus Defence and Space, France*

Critical but Under-Regulated: Mapping the Legal Challenges of Governing LEO Constellations as Space-Based Infrastructure, **Romane Croizet-Fontane**, *Université Côte d'Azur – LADIE, France*

Orbital Data Centers and Data Protection: at the Crossroads of International Space Law and European Law, **Anne-Sophie Martin**, *Sapienza University of Rome, Italy*

Earth Observation Data Ownership and Protection through the Lens of Intellectual Property, **Giulia Priotti**, *National PhD Programme in Space Science and Technology (SST), Italy*

Discussion : Discutant: **Tanja Masson-Zwaan**, *Assistant Professor and Deputy Director of the International Institute of Air and Space Law at Leiden University, The Netherlands*

Break

11:45 / Panel 2. Sovereignty, Accountability and Regulatory Oversight
Session Chair: **Laurent Deroin**, *Strategy Directorate, Deputy Director for Programmes, Scientific Coordinator, CNES, France*

Data Governance, State Sovereignty and Accountability in the Age of Commercial Satellite Mega-Constellations, **Sanchi Dhamija**, *Business Contract Advisor at Bombardier Inc., Canada*

Liability, Compliance and Oversight Mechanisms for Satellite Operators and Data Providers, **Helen Tung**, *Lawyer and Associate Professor of Law, United Kingdom and Australia*

Distributed Satellite Systems: Ownership and Liability Considerations, **Antonia Kardamaki**, *Leiden University, The Netherlands*

Discussion : Discutant: **Mahulena Hofmann**, *Senior Professor in Space and Telecommunication Law, University of Luxembourg, Luxembourg*

Lunch

Afternoon

14:00 / Talk: "Connecting Space to Earth: The Ground Segment's Role in Global Connectivity"

Speaker : **Pierre Bertrand**, *Co-founder & CEO, Skynopy*

Co-moderators: **Victor Dos Santos**, *Associate Professor, SIRIUS Chair, TBS Education* & **Marie-Clotilde Runavot**, *Professor, SIRIUS Chair, Toulouse School of Law, Toulouse Capitole University, France*

Discussion

15:00 / Panel 3. Sectoral and Environmental Applications

Session Chair: **Alexandre Garus**, Ecosystem and Strategic Insight Manager, *Thales Alenia Space, France*

From Orbit to Ocean Policy: Leveraging Space-based Data for Maritime Environmental Compliance and Resilience , **Jordi Sandalinas**, *Space law, Spain*

Between Signal and Promise: Interpreting and Evaluating Weak Signals of Potentially Disruptive Innovation in the French Space Sector, **Zouheir El Kawas & Victor Dos Santos**, *SIRIUS Chair, TBS Education, France*

Break

The EU Space Act and Composite Supervision: Methodological Reflections on EU Space Regulation, **Raoul Cardellini Leipertz**, School of Advanced Defence Studies (CASD/SSU), *Italy*

Legal implications of Satellite Data Use in Insurance Markets, **Salomé Paradis**, *Phd. candidate, Toulouse School of Law, Toulouse Capitole University, France and Laval University, Canada*

Discussion : Discutant: **Lesley-Jane Smith**, *Professor, Leuphana University, Germany*

17:30 / Conclusions