

IISL COLLOQUIUM ON THE LAW OF OUTER SPACE (E7)  
Interactive Presentations - IISL COLLOQUIUM ON THE LAW OF OUTER SPACE (IP)

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”SHAPING THE FUTURE OF SPACE GOVERNANCE: LEGAL-PHILOSOPHICAL INSIGHTS INTO  
LAW AND TECHNOLOGY”

**Abstract**

Many legal challenges derive from the new space economy, as space technology plays an increasingly important role in our everyday lives. Criticism of international space law often revolves around its perceived antiquity and its ability to comprehensively regulate every space technology. In the first decades of space exploration technical development was followed by a very fast development of space law (when the political will was strong at the crucial moment, a solution was found speedily) while in the New Space Age, the weaknesses or absence of such will often led to non-binding U.N resolutions. Consequently, a few fundamental question arises: *is law inherently reactive or proactive? What dynamic exists between space technologies and the law? Should the law endeavor to regulate every aspect of technological advancement, or should it primarily serve as an enabler?* In essence, the interaction between space technologies and the law is dynamic and multifaceted, with varying perspectives shaping approaches to regulation and governance. Balancing innovation with regulatory oversight remains a complex challenge as societies navigate the complexities of the modern space age. The law needs to secure and predict behavior and allow effective control of authorities but equally owed to the realization that predictable and favorable regulatory conditions may be an attractive force for industrial growth and a facilitator of strategic development. The presentation aims to explore legal-philosophical theories (such as legal instrumentalism, determinisma, and consturctivism) about law and technology, providing real-life examples from remote sensing, earth observation, and space resource activities.