International Telecommunications Society Webinar

Satellite Technology and the Future of Space Regulation

Speaker
Professor Rob Frieden, Professor of Telecommunications and Law, Penn State University

Hosts
Penn State University
TELUS Communications

Length: 60 mins
Date: February 18 @ 9:30 EST
Structure: 30-minute presentation, 30-minute Q&A

As countries and private sector entities race to capitalize on the potential of space, the need for a solid legal framework to govern activities beyond Earth has become urgent. Navigating the complex and often conflicting landscape of international and domestic space regulations is challenging, especially with jurisdictional gaps and inconsistent space policies across countries. With our increasing reliance on satellite communications and other non-terrestrial technology, operators of satellite systems in particular are seeking regulatory certainty as they rapidly expand their operations across the globe. To find clarity amid this complicated and conflicting space of regulation and laws, requires grappling with novel, profound questions. What standards should guide responsible behavior in space, and who enforces them? And how should the global community respond to non-compliant states or rogue actors in the private sector?

In this webinar, Professor Rob Frieden of Penn State University will address these critical questions, providing insights into the major international treaties that shape space law—covering everything from space safety and debris management to liability in space, along with other pressing jurisdictional issues. Professor Frieden will explore the interaction between these treaties and domestic policies, examine the challenges they present for private sector entities and governments, particularly in the satellite communications space, and discuss strategies to achieve regulatory certainty as humanity ventures deeper into space.