

IISL COLLOQUIUM ON THE LAW OF OUTER SPACE (E7)
Late Breaking Abstracts (LBA) (LBA)

Author: Dr. Arianna Vettorel
Ca' Foscari University of Venice, Italy, arianna.vettorel@unive.it

CYBERSECURITY IN NEW SPACE AND THE PROBLEM OF INTERNATIONAL REGULATION

Abstract

Technological advancements are highly beneficial for society; however, they also raise new concerns, such as those connected to hostile cyber operations in New Space, as documented by remarkable reports published between March and May 2023. Even though cybersecurity appears in many legal and political debates, there has been little focus on cybersecurity for New Space systems as of yet. In particular, no international rules exist on this urgent topic. In this realm, some new initiatives have been recently adopted at the domestic level. This paper will outline some of these provisions, with a focus on the US Space Force cybersecurity standards, which are expected to become fully operational in September 2023. This analysis will demonstrate that these initiatives offer an important contribution for the drafting of new transnational regulation and constitute a crucial feature of the evolving New Space legal governance, characterized by bottom-up actions.