



March 18, 2019

Master of Science in Cybersecurity – Prof. Luigi V. Mancini



CYBERSURE

CYBERsecurity at Sapienza University of Rome Events

The Protection of Space Missions: Threats that are specific to cyber security

Abstract: Space-based systems play an important role in our daily life and business. The trend is likely to rely on the use of space based systems in a growing number of services or applications that can be either safety-of-life critical or business and mission-critical. The security measures implemented in space-based systems may turn out to be insufficient to guarantee the information assurance properties, in particular confidentiality (if required by the data policy), availability and integrity of these services/applications. The various and possible cyber-attacks on space segments, ground stations and its control segments are meanwhile well known and experienced in many cases.

We address the Cyber-security specific aspects of space missions, the specific threats to space from cyberspace, and analyze the set of all the possible countermeasures.

Stefano Zatti

Affiliation: ESA, <https://www.esa.int>

March 18, 2019, from 16:15 to 18:30

Aula II, ground floor of the building “ex-Facoltà di Scienze Statistiche” in “Città Universitaria”, Piazzale Aldo Moro, 5 (Rome).

Participation is free, however registration is required on Eventbrite by searching “[The Protection of Space Missions: Threats that are specific to cyber security](#)”.

Upcoming Seminars at <https://cybersecurity.uniroma1.it/cybersecurity-seminars>

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