

SEMINARI DI PASSAGGIO



**UNIVERSITÀ
DI TRENTO**
Dipartimento di
Fisica



PhD Program in Space Science and Technology

Curriculum 6 - Satellite Platforms: Engineering and Technologies

Tuesday 22 September from 03.45 p.m. - Online

Speakers:

Development of a New 6-DoF Gravity Off-Loading System for LISA's Release Mechanism Tests (03:45 p.m.)

Giuliano Agostini
University of Trento and OHB Italia

Integrated Radiation-Hard Silicon Photonic Devices: Characterization and Active Dither-based Stabilization for Extreme Environments (04:15 p.m.)

Mequanint Biazen Ayalew
Sant'Anna School of Advanced Studies, Pisa

Development of a Digital Twin for Space Anechoic Test Facilities Through Broadband RF Absorber Modeling (4:45 p.m.)

Leonardo Di Vincenzo
University of Trento

Impact of Nonlinear Amplification on 5G-NR Direct Radiating Array Satellites (05:15 p.m.)

Nirmal Kumar Machikalapudi
National Inter-University Consortium for Telecommunications - CNIT, Parma Section

Optical Fiber Sensor Systems for Space Application: Progress in OFDR based Distributed Sensing (05:45 p.m.)

Isey Bekele Meka
Sant'Anna School of Advanced Studies, Pisa and Fluid Wire Robotics S.r.l

A Visual Navigation Front-End for Satellite-Based Radio Navigation Systems (06:15 p.m.)

Issayas Tekeste Mirach
University of Trento and QAscom

Development of Sub-THz Passive Waveguide Components for Space Applications (06:45 p.m.)

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Contacts

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