

SEMINARI DI PASSAGGIO



**UNIVERSITÀ
DI TRENTO**
Dipartimento di
Fisica



PhD SST
Space Science
and Technology

PhD Program in Space Science and Technology

Curriculum 3 - Planetary Sciences

Thursday 2 October 2025, from 02.00 p.m.

Online

Speakers:

Multi-Analytical Characterization of Mars Analogs for Biosignature Detection (02:00 p.m.)

Sole Biancalani

University of Florence and Italian Space Agency

Orbital stratigraphic analysis of the Eberswalde sedimentary fan: comparison with the Jezero delta, Mars (02:30 p.m.)

Noémie, Léa Carlot

“Gabriele D’Annunzio” University

Invariant Manifolds and Effective Stability Estimates in Some Models of Celestial Mechanics (03:00 p.m.)

Alessia Francesca Guido

Istituto Nazionale di Alta Matematica – Rome “Tor Vergata” section

Gravitational analysis for planetary interiors characterization: from terrestrial planets to icy moons (03:30 p.m.)

Edoardo Santero Mormile

“Gabriele D’Annunzio” University

Martian meteorites as windows into Mars' geological past (04:00 p.m.)

Xhonatan Shehaj

University of Florence and Italian Space Agency

AI Approaches to the Automatic Optimization of Instrument Acquisition Scheduling in Space Missions (04:30 p.m.)

Giulio Vaccari

University of Trento

Contacts

PhD Secretariat

tel. 0461 281504-3566

dn_sst@unitn.it

<https://phd.unitn.it/phd-sst/>