



# SEMINARI DI PASSAGGIO



UNIVERSITÀ  
DI TRENTO  
Dipartimento di  
Fisica



## PhD Program in Space Science and Technology

### Curriculum 4 - Astrobiology, Life Sciences and Space Medicine

Wednesday 30 September 2026, from 03.00 p.m.

Online

#### Speakers:

*Molecular Modifications Induced by Partial Gravity in Epithelial Barrier Integrity and Evaluation of Antioxidant Strategy to Mitigate its Dysfunctions (03:00 p.m.)*

**Chiara Bertini**

University of Pisa

*Contraception in Spaceflight - State of the Art for Oral Hormonal Contraceptives and Intrauterine Devices in Female Astronauts (03:30 p.m.)*

**Francesco Chiara**

University of Turin

*Sensing Space: Noise-Based Countermeasures for Vestibular Modulation in Microgravity (04:00 p.m.)*

**Martina Liberti**

University of Rome "Tor Vergata"

*Closing the Loop: Chlorella Vulgaris Cultivation on Faeces-Derived Medium under Altered Gravity (04:30 p.m.)*

**Upasana Mohanty**

University of Cagliari

*Space Farming in Microgravity: Towards Hybrid Food Systems (05:00 p.m.)*

**Cosimo Sarti**

University of Turin and Thales Alenia Space

#### Contacts

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