

SEMINARI DI PASSAGGIO



UNIVERSITÀ
DI TRENTO

Dipartimento di
Fisica



PhD SST

Space Science
and Technology

PhD Program in Space Science and Technology

Curriculum 1 – Observation of the Universe

Monday 22 September 2025, from 09.00 a.m. - Online

Speakers:

*Searching for the sources of ultra-high-energy cosmic rays
(09:00 a.m.)*

Luciana Andrade Dourado
Gran Sasso Science Institute

*Galaxy evolution-enhanced binary black hole modeling to
constrain astrophysical and cosmological parameters (09:30
a.m.)*

Michele Bosi
SISSA – Scuola Internazionale Superiore di Studi Avanzati

LiteBIRD detection chain characterization (10:00 a.m.)

Paolo Dal Bo
University of Pisa

*Precision Test of CPT Symmetry via Ground State Hyperfine
Spectroscopy in Antihydrogen at ALPHA (10:30 a.m.)*

Adriano Del Vincio
University of Brescia

*Multidisciplinary approach to geomorphological
investigations in the Solar System: case studies from the
Moon and Mars (11:00 a.m.)*

Andrea Ermini
University of Siena

*Observations and modeling of fast radio bursts and their
possible astrophysical progenitors (11:30 a.m.)*

Andrea Geminardi
Scuola Universitaria Superiore IUSS of Pavia

*The Formation and Evolution of Extreme Mass Ratio Inspirals
(02:00 p.m.)*

Davide Mancieri
University of Milan Bicocca

*The scaling relations of stellar populations in Local Universe
galaxies as a benchmark for galaxy evolution (02:30 p.m.)*

Daniele Mattolini
National Institute for Astrophysics – Florence section

*Decoding Gravitational Waves with Dual and Binary AGN
(03:00 p.m.)*

Martina Scialpi
University of Florence

*Noise Modeling in Bayesian CMB Analysis: Frequency
Correlations and Time-Domain Effects in Commander (03:30
p.m.)*

Luca Zapelli
University of Milan

Contacts

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