

# SEMINARI DI PASSAGGIO



UNIVERSITÀ  
DI TRENTO  
Dipartimento di  
Fisica



PhD SST  
Space Science  
and Technology

## PhD Program in Space Science and Technology

### Curriculum 1

Wednesday 18 September 2024, from 09.00

Online

#### Speakers:

*Third-order corrections in the slow-roll expansion for single-field inflationary models (09.00)*

**Salvatore Samuele Sirletti**

University of Ferrara

*The cosmic dance: merging galaxies observed with Euclid and JWST (09.25)*

**Lorenzo Ulivi**

University of Florence

*Long term multi-wavelength analysis of the flat spectrum radio quasar OP 313 (09.50)*

**Chiara Bartolini**

University of Bari "Aldo Moro"

*Young and Massive Star Clusters as PeVatron Candidates with Next-Generation IACT Telescopes (10.40)*

**Alberto Bonollo**

IUSS – Scuola Universitaria Superiore Pavia

*Impact of systematic effects on the tensor-to-scalar ratio estimation for LiteBIRD satellite (11.30)*

**Florie Carralot**

Scuola Internazionale Superiore di Studi Avanzati – Trieste

*Measurements of  $\pi$ ,  $ka$  &  $pr$  with TPC & TOF in PbPb collisions @5.36 TeV (11.30)*

**Rohaam Deb**

University of Brescia



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#### Speakers:

*The impact of the LiteBIRD cold readout design on crosstalk (14.00)*

**Eugenia Di Giorgi**

University of Pisa

*A novel approach for anti-He research in cosmic rays with neural networks (14.25)*

**Francesco Rossi**

University of Trento

*Investigating the properties of matter in the Universe from both an astroparticle and a cosmological point of view (14.50)*

**Andrea Maria Rubiola**

University of Turin

*Detection of 0.1-50 MeV cosmic photons with the Zirè instrument onboard the NUSES space mission (15.15)*

**Iqra Siddique**

Gran Sasso Science Institute - GSSI

*Study of the dust-scattering X-ray rings produced by the brightest gamma-ray burst of all time (15.40)*

**Beatrice Vaia**

IUSS – Scuola Universitaria Superiore Pavia

#### Contacts

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