

## **Session Program**

**Sep 23 - 27, 2024**



# **RICAP-24 Roma International Conference on AstroParticle Physics**

## ***Searches for Extragalactic astrophysical sources***

Hotel Villa Tuscolana, Aula Conferenze  
Via del Tuscolo, km 1.5, 00044 Frascati RM

# Wed, September 25

2:00 PM

## Searches for Extragalactic astrophysical sources: - 1

**Session** | **Location:** Sala Vanvitelli | **Convener:** Dario Gasparrini

2:00 - 2:17 PM **GRBs in the Swift and Fermi era**

**Speaker**

Elisabetta Bissaldi

2:17 - 2:34 PM **AGILE observations of the ultra-luminous GRB 221009A**

**Speaker**

Giovanni Piano

2:34 - 2:51 PM

**Probing the near and far environments of the brightest of all time GRB 221009A with gamma-rays**

**Speaker**

Timur Dzhatdov

2:51 - 3:08 PM **AGILE activity on FRB high-energy counterparts search**

**Speaker**

Claudio Casentini

3:08 - 3:25 PM

**Deep Learning Models for Detecting and Localizing Gamma-Ray Bursts in Sky Maps and Time Series: Applications to AGILE and COSI Missions**

**Speaker**

Dr Nicolò Parmiggiani

3:25 - 3:42 PM

**Open-Source Radiative Modeling Tools for Extragalactic VHE Gamma-ray Sources**

**Speaker**

Andrea Tramacere

3:42 - 3:59 PM **The extragalactic sky seen by eROSITA**

**Speaker**

Johannes Buchner

3:59 - 4:16 PM

**Insights into the high-energy emission of blazars from the first combined VHE and X-ray polarization measurements**

**Speaker**

David Paneque

4:16 - 4:33 PM **Multi-messenger signals from Seyfert galaxies**

**Speaker**

Alessandra Lamastra

4:33 - 4:50 PM **The roadmap to CTAO AGN Science: Early results on AGNs of LST-1**

**Speaker**  
Daniel Morcuende

4:50 - 5:07 PM

**Multi-class classification of unassociated Fermi LAT sources with machine learning and dataset shifts**

**Speaker**  
Dmitry Malyshev

5:07 - 5:24 PM

**Using artificial neural networks in searches for Lorentz invariance violation**

**Speaker**  
Tomislav Terzic

5:30 PM