

Session Program

15-19 Sept 2025

**17th Topical Seminar on Innovative Particle
and Radiation Detectors (IPRD25)**

Astroparticles

Siena (Italy)
San Francesco Crypt and Cloister

Friday 19 September

09:00

Astroparticles: Session 15

Session | **Location:** Siena (Italy), San Francesco Crypt and Cloister | **Convener:** Xavier Bertou

09:00–09:15

DAQ and Electronics development and characterisation for the multiPMT prototype for the SWGO experiment

Speaker

Fabio Sansone

09:15–09:30

Particle identification in high-granularity 3D calorimeters for space-borne applications

Speaker

Claudio Brugnoni

09:30–09:50

Preliminary beam test results of an LGAD-based 5D sensor array for the next-generation space-borne experiments

Speaker

Marco Mattiazzi

09:50–10:10

Development of a multimode antenna for high-frequency gravitational waves based on bulk acoustic wave resonators

Speaker

Lucia Canonica

10:10–10:30

Configuration, Calibration and Characterisation of Silicon Photomultipliers and Read- Out System for Space-Borne PlasticScintillator Detector

Speaker

Essna Ghose

10:30–10:50

Phase-A Lessons from the Lunar Adaptive Outpost for Remote Italian Experiments (LAORIE)

Speaker

Alessandro Turchi

10:50