12th Astroparticle Physics Science Fair 2025/2026: High Energy

Tuesday, February 17, 2026

Poster session - Seminar Room (Zenith Bld) (11:00 AM - 1:00 PM)

time	[id] title	presenter
11:05 AM	[5] Searching for the origin of ultra-high-energy cosmic rays	ANDRADE DOURADO, Luciana
11:10 AM	[17] Ultra-High-Energy Messengers as Probes of Physics Beyond the Standard Model	AMBROSONE, Antonio
11:15 AM	[21] The Ziré detector on board of the NUSES mission	ASHUROV, Sindorjon BAIOCCHI, Melissa PATTANAIK, Diptiranjan
11:20 AM	[22] Crystal Eye & WINK: Innovating Hardware for the Space Detection of X and Gamma Rays	BARBATO, Felicia BAIOCCHI, Melissa TAMBONE, Matteo
11:25 AM	[3] The Environment of TeV Halo Sources	BOURGUINAT, Lioni-Moana
11:30 AM	[7] Diffusive Shock Acceleration and Cosmic-Ray Driven Instabilities	CAPANEMA, Antonio
11:35 AM	[12] The Pierre Auger Observatory: a window for the highest-energies in the Universe	CONVENGA, Fabio
11:40 AM	[11] The Galactic Very-High-Energy Sky	ESPINOSA CASTRO, Luis Enrique
11:45 AM	[20] Galactic cosmic rays with 10 years of DAMPE data	CASILLI, Elisabetta FOGLIACCO, Sara
11:50 AM	[19] The NUSES space mission: enabling new technologies and observation modes	FONTANELLA, Giulio SAVINA, Pierpaolo
11:55 AM	[23] UHE particles in the presence of Lorentz Invariance Violation	GIAMMARCO, Matteo
12:00 PM	[14] HERD space mission: Probing the Galactic Cosmic Ray frontier	KYRATZIS, Dimitrios CAGNOLI, Irene
12:05 PM	[4] Suppressed Diffusion and Gamma-Ray Emission from the Cygnus Bubble	LI, Ben
12:10 PM	[13] The possible contribution of microquasars to the cosmic ray proton ”knee”	LOO, Chun Khai
12:15 PM	[9] Multimessenger Studies with the Pierre Auger Observatory	MARINELLI, Costanza
12:20 PM	[15] Terzina on board NUSES: a pathfinder for EAS Cherenkov Light Detection from space	ROY, Abhijit TORRES SAAVEDRA, Rodrigo Alberto TRIMARELLI, Caterina
12:25 PM	[16] Sub-Orbital Multi-Messenger Multi-Detector: The Case of POEMMA-Balloon with Radio (PBR)	ROY, Abhijit TRIMARELLI, Caterina TRIMARELLI, Caterina TORRES SAAVEDRA, Rodrigo Alberto
12:30 PM	[17] Crystal Eye: Science with an all-sky monitor in keV-MeV	BAIOCCHI, Melissa BARBATO, Felicia CASILLI, Elisabetta SARKAR, Ritabrata

12:35 PM	[18] SpaceItUp Project: SiPM based detectors for ionizing radiation in space	TRIMARELLI, Caterina TRIMARELLI, Caterina
12:40 PM	[6] Inferring properties of Ultra-High-Energy Cosmic Ray sources with Information Field Theory	VAIMAN, Igor