

TeVPA 2025 - Valencia, Spain

Tuesday 04 November 2025

Cosmic Rays - Room 2.1+2.2 (14:30-16:15)

-Moderadores: Mercedes Paniccia

time	[id] title	presenter
14:30	[308] Latest Results from the Alpha Magnetic Spectrometer on the International Space Station	WENG, Zhili
14:45	[214] A Decade of CALET Observations: Cosmic-Ray Results from the ISS	AKAIKE, Yosui
15:00	[10] Latest results from the DAMPE space mission	DE MITRI, Ivan
15:15	[254] The design, flight and current analysis of HELIX	MCGRATH, Conor
15:30	[262] Ultra-Heavy Galactic Cosmic Ray Measurements with TIGERs	RAUCH, Brian
15:45	[132] Anisotropy of Cosmic Elementary particles measured with the Alpha Magnetic Spectrometer on the ISS	RODRÍGUEZ GARCÍA, Iñaki
16:00	[150] Antiprotons and Elementary Particles over a Solar Cycle: Results from the Alpha Magnetic Spectrometer	CHOU, Hsin-Yi

Cosmic Rays - Room 2.1+2.2 (16:45-18:30)

-Moderadores: Brian Rauch

time	[id] title	presenter
16:45	[244] Properties of Cosmic Phosphorus Nuclei Measured by the Alpha Magnetic Spectrometer	LIU, Zhen
17:00	[298] Unique Properties of Secondary Cosmic Rays: Results from the Alpha Magnetic Spectrometer	ZHANG, Jin
17:15	[192] Impact of in-source production of Boron on the B/C ratio in cosmic rays	JIANG, Qiqi
17:30	[154] Precision Measurement of Cosmic Ray Deuterons with Alpha Magnetic Spectrometer	HERNÁNDEZ NICOLÁS, Francisco
17:45	[317] Properties of Cosmic Beryllium Isotopes Measured by the Alpha Magnetic Spectrometer	KRASNOPEVTSEV, Dimitrii
18:00	[295] Confinement of Cosmic rays near the accelerators	YANG, Ruizhi
18:15	[106] Every Nearby Pulsar is Surrounded by Inhibited Diffusion	JOHN, Isabelle

Wednesday 05 November 2025

Cosmic Rays - Room 2.1+2.2 (14:30-16:15)

-Moderadores: Ioana Maris

time	[id] title	presenter
14:30	[85] Overview of Cosmic Ray Measurements with the Telescope Array	FUJITA, Keitaro
14:45	[110] New full-sky studies of the distribution of ultra-high-energy cosmic-ray arrival directions	URBAN, Federico
15:00	[133] Large and intermediate scale anisotropies of ultra-high-energy cosmic rays with the Pierre Auger Observatory	DEVAL, Luca
15:15	[236] Constraints on local extragalactic magnetic fields from ultra-high-energy cosmic rays	VAN VLIET, Arjen
15:30	[318] The UHECR Mass Composition Measurements at the Pierre Auger Observatory	ČERMÁKOVÁ, Berenika
15:45	[268] The CORSIKA 8 cascade simulation framework	WINDISCHHOFER, Philipp
16:00	[241] Bayesian Hierarchical Model for cross calibration of hybrid air shower detectors	PROSEKIN, Anton

Cosmic Rays - Room 2.1+2.2 (16:45-18:30)

-Moderadores: Arjen van Vliet

time	[id] title	presenter
16:45	[113] Measurement of the Cosmic-Ray Proton Spectrum with MAGIC	MOLERO, Miguel
17:00	[104] Discriminating Heavy Cosmic Rays at TeV Energies with MAGIC via Direct Cherenkov Emission	MANGANO, Salvatore
17:15	[266] Cosmic-Ray Anisotropy at PeV Energies with IceTop	MCNALLY, Frank
17:30	[131] Energy-dependent Orbital Compton-Getting Dipole with IceCube Cosmic-Ray Muons	DÍAZ VÉLEZ, Juan Carlos
17:45	[306] Comparison of the atmospheric muon flux in KM3NeT data with simulations using the data-driven Daemonflux model	ELLAJOSYULA, Venugopal
18:00	[194] Ultra-High-Energy Photon Searches with the Pierre Auger Observatory: Constraints, Multi-messenger Synergies, and Future Prospects	PRIYADARSHI, Chaitanya
18:15	[57] Probing AGN jet structure with RMHD simulations: implications for VHE emission	BOULA, Stella

Thursday 06 November 2025

Cosmic Rays - Room 2.1+2.2 (14:30-16:15)

-Moderadores: Denise Boncioli

time	[id] title	presenter
14:30	[11] The galactic cosmic ray knee confronts very-high energy diffuse gamma-ray	ESPINOSA CASTRO, Luis Enrique
14:45	[88] Cosmic Rays at the Knee: Rethinking the End of the Galactic Spectrum	EVOLI, Carmelo
15:00	[89] Assessing the diffusion-drift transition as the origin of the cosmic ray knee	ESPINOSA CASTRO, Luis Enrique
15:15	[129] Supernova remnants in super bubbles acting as cosmic ray accelerators	SUSHCH, Iurii
15:30	[363] Microquasar jet-cocoon systems as PeVatrons and the origin of cosmic rays	ZHANG, Bing Theodore
15:45	[372] Interacting SNe: super-PeV CR candidates that explain the nuclear composition trends	EKANGER, Nick
16:00	[320] Is SNR G69.7+1.0 a PeVatron? A NuSTAR Hard X-ray Investigation of 1LHAASO J2002+3244u	ABDELMAGUID, Moaz

Cosmic Rays - Room 2.1+2.2 (16:45-18:30)

-Moderadores: Maurizio Spurio

time	[id] title	presenter
16:45	[315] From Ground to Space: The JEM-EUSO Program for UHECRs and Astrophysical Neutrinos	SCOTTI, Valentina
17:00	[353] The Terzina Telescope on board the NUSES mission: A Pathfinder for the Detection of EAS Cherenkov Light from Space	TRIMARELLI, Caterina
17:15	[358] The PBR Mission: the balloon-borne precursor of the space-based POEMMA multi-messenger Observatory	CARUSO, Rossella
17:30	[294] GRAND and latest progress of its prototype array	MA, Pengxiong
17:45	[186] Observation of In-ice Askaryan Radiation from High-Energy Cosmic Rays	ALDEN, Nathaniel
18:00	[230] Combined radio and radar signal study for the Radar Echo Telescope for Cosmic Rays (RET-CR)	GOPINATH, Krishna Nivedita
18:15	[259] Radio Signatures of Cosmic-Ray Particle Showers in Deep In-Ice Antennas	CHICHE, Simon