

TeV Particle Astrophysics 2026

Monday 31 August 2026

CR: CR1 : Galactic Cosmic-rays I - □□ Haguro (14:00 - 15:30)

time	[id] title	presenter
14:00	[139] Anisotropy of Cosmic Elementary particles measured with the Alpha Magnetic Spectrometer on the ISS	STUZHIN, Aleksandr
14:15	[168] Searches for Time Variation in the TeV Cosmic-Ray Anisotropy	ZILBERMAN, Perri
14:30	[163] DAMPE results after the first 10 years of operation	TYKHONOV, Andrii
14:45	[117] First Results with the TALE infill SD Array for a PeV Cosmic-Ray Energy Spectrum Measurement	MATSUSHITA, Haruto
15:00	[242] Measurement of the cosmic-ray energy spectrum with the TALE detector in hybrid mode	OSHIMA, Hitoshi
15:15	[157] Measuring the Cosmic-Ray Proton Spectrum with the SST-1M Stereoscopic Array	JURYSEK, Jakub

Tuesday 1 September 2026

CR: CR2 : UHECR measurements with Radio and future observatories - ☐☐ Haguro (14:00 - 15:30)

time	[id] title	presenter
14:00	[167] POEMMA Balloon with Radio	FILIPPATOS, George
14:15	[53] Scientific objectives and recent developments of the Global Cosmic Ray Observatory	FUJII, Toshihiro
14:30	[227] Geo-synchrotron X-ray emission from extensive air showers: a new detection channel for high-altitude cosmic ray and neutrino observatories	TORRES SAAVEDRA, Rodrigo Alberto
14:45	[197] Semi-analytical modeling of in-ice radio signals from cosmic-ray particle cascades	CHICHE, Simon
15:00	[296] Progress Toward a Sub-Threshold Search for the Radar Echo Telescope for Cosmic Rays	MCLENNAN, Curtis
15:15	[188] The NUSES space mission	PATTANAIK, Diptiranjana

CR: CR3 : Modeling of Galactic Cosmic-Rays - ☐☐ Haguro (16:00 - 18:00)

time	[id] title	presenter
16:00	[206] The impact of the eROSITA bubbles on Galactic cosmic-ray transport	SCHROER, Benedikt
16:15	[176] Cosmic-ray transport in the multiphase galactic halo: Local spectral hardening in Fermi bubbles	INAMOTO, Ryohei
16:30	[111] Where do cosmic rays go to die?	CROCKER, Roland
16:45	[51] Diffusive or Ballistic? Distributions and Spectra of PeV Cosmic Rays around Microquasars	Prof. FUJITA, Yutaka
17:00	[50] Modeling Cosmic-Ray Transport and Nonthermal Emission in the Jets of SS 433: A Spatially Dependent Approach	Mr FUJIWARA, Tatsuki

Wednesday 2 September 2026

CR: CR4 : Cosmic-Ray Air-Showers - ☐☐ Haguro (14:00 - 15:30)

time	[id] title	presenter
14:00	[120] Bayesian hierarchical cross-calibration of hybrid air-shower detectors	PROSEKIN, Anton
14:15	[52] Gain measurements of eight-inch photomultiplier tubes at field and laboratory toward Fluorescence detector Array of Single-pixel Telescopes	TACHIBANA, Haruka
14:30	[198] Prospects for the measurement of TeV cosmic ray Iron nuclei using Large-Sized Telescope of CTAO	MIZUNO, Masakaze
14:45	[252] Evaluation of the stereo observation performance with the Fluorescence detector Array of Single-pixel Telescopes	TANAKA, Kaho
15:00	[128] Discriminating Heavy Cosmic Rays via Direct Cherenkov Light	MOLERO GONZALEZ, Miguel
15:15	[246] Reconstructing a history of Galactic Cosmic Rays from 14CO in Antarctic ice	COOK, Walter

CR: CR5 : Magnetic Field - ☐☐ Haguro (16:00 - 18:00)

time	[id] title	presenter
16:00	[66] Intergalactic magnetic field lower limits up to the redshift $z \approx 3$	VOVK, Ievgen
16:15	[77] Constraining the Intergalactic Magnetic Field with Time-Delay Likelihoods in Gamma-Ray Transients	CROISSONNIER, Mathilde
16:30	[106] Reading the Universe's Light: Measuring the Extragalactic Background Light Through Gamma-Ray Attenuation	Dr BAXTER, Joshua
16:45	[195] Globular Cluster Systems as GeV-TeV Tracers of Galaxy Assembly	OWEN, Ellis
17:00	[131] Coronal Magnetic Field Modulates Giga-electronvolt Solar Disk Gamma Rays	FONG, Chingam
17:15	[212] Simulation of Earth-Limb Gamma-Ray Intensity Dependence on Geomagnetic Cutoff Rigidity	XU, Yu On
17:30	[166] Measuring the Cosmic Ray Sun and Moon Shadow with IceCube*	KRIEGER, Niclas
17:45	[282] Radial velocity statistics of cosmic voids as a probe of interacting dark energy	LUO, Kin Ho

Thursday 3 September 2026

CR: CR6 : UHECR measurements - □□ Haguro (14:00 - 15:30)

time	[id] title	presenter
14:00	[232] The Energy Spectrum of Ultra-High-Energy Cosmic Rays across Declinations from -90° to $+44.8^\circ$ Measured at the Pierre Auger Observatory	CONVENGA, Fabio
14:15	[228] Recent results on ultra-high-energy cosmic rays from the Telescope Array experiment	RUBTSOV, Grigory
14:30	[75] Latest Measurement of the Ultra High Energy Cosmic Ray Spectrum with the Telescope Array Surface Detector	KIM, Jihyun
14:45	[68] Measurement of the depth of the maximum of air-shower profiles above $10^{17.7}$ eV at the Pierre Auger Observatory	DENNER, Nikolas
15:00	[104] Hadronic interaction studies at the Pierre Auger Observatory	DE JESUS, Joaquin
15:15	[251] MCEq: Latest Updates and Seasonal Variations	FRÖSE, Stefan

CR: CR7 : Galactic Cosmic-Rays II - □□ Haguro (16:00 - 18:00)

time	[id] title	presenter
16:00	[109] All-Particle Cosmic-Ray Spectrum in the 10-300 TeV Range with the ALPAQUITA Air-Shower Array	FUJITA, Keitaro
16:15	[114] Energy Reconstruction and Background Rejection for Cosmic-Ray Electron Observation above 10 TeV with the Tibet AS γ Array	TAMAKI, Naru
16:30	[112] Highlights from the AMS Experiment (1): Precision measurements of cosmic nuclei from hydrogen to nickel	CHOUTKO, vitali
16:45	[127] Highlights from the AMS Experiment (2): Properties of Elementary Fluxes in Primary Cosmic Rays	XU, Weiwei
17:00	[134] Highlights from the AMS Experiment: Precision measurements the hourly, daily, monthly, and yearly cosmic radiation over an 11-year solar cycle	KRASNOPEVTSEV, Dimitrii
17:15	[113] Extending Cosmic-Ray Measurements over a Decade with CALET	AKAIKE, Yosui
17:30	[316] Probing Galactic Cosmic-Ray Propagation with HELIX	CALDERÓN, Dennis
17:45	[260] From Atmospheric Muons to Prompt Neutrinos: Unfolding the Muon Flux in IceCube to Constrain Charm Production	GUTJAHR, Pascal