

TeV Particle Astrophysics 2026

Monday 31 August 2026

GR: GR1 : Blazars - ☐☐ Asahi (14:00 - 15:30)

time	[id] title	presenter
14:00	[96] New TeV gamma-ray Discoveries from the Extreme Blazar Program of MAGIC	FOFFANO, Luca
14:25	[93] The blazar sequence and its TeV extension: towards a physical interpretation	VIALE, Ilaria
14:45	[91] Different dissipation mechanisms of jet underlying variability in blazars	TAN, Hongbin
15:05	[263] Study on the Emission Mechanism of a TeV Blazar “OP 313” with Multi-Wavelength Observation	HASHIZUME, Masaki

GR: GR2 : Galactic - ☐☐ Asahi (16:00 - 18:00)

time	[id] title	presenter
16:00	[46] Hadronic Scenario for Galactic PeVatron LHAASO J1912+1014u Supported by Fermi-LAT gamma-ray Data and FUGIN CO Data	MIZUNO, Tsunefumi
16:20	[180] Search for Molecular Clouds in the Dark Ultra-High-Energy Gamma-Ray Source 1LHAASO J0007+5659u with the Nobeyama 45-m Radio Telescope	KANAZASHI, Ryohei
16:40	[103] Supernova remnants and their role in shaping TeV emission from PeVatron candidates	SUNNY, Alan
17:00	[132] Time evolution of particle acceleration at supernova remnants and gamma-ray emission from clumps in the vicinity	Dr KOBASHI, Ryosuke
17:20	[294] Deep view of the HESS J1303-631 region with Fermi-LAT: an SNR in disguise?	MORÓ GONZÁLEZ, Martín
17:40	[187] Isolated Black Holes as Potential PeVatrons and LHAASO unidentified sources	KIMURA, Shigeo

Tuesday 1 September 2026

GR: GR3 : Binaries/microquasars - ☐☐ Asahi (14:00 - 15:30)

time	[id] title	presenter
14:00	[152] XRISM/Xtend detection of diffuse X-ray emission in the "inner cavity" region around SS433	SUZUKI, Hiromasa
14:25	[164] HAWC Time-Dependent Analysis of the Gamma-ray Binary HESS J0632+057	RHO, Chang Dong
14:45	[271] Investigating TeV Gamma-ray Emission around GRS 1915+105 with HAWC	SHIN, Minji
15:05	[143] Studies of the LHAASO Peanut region with VERITAS	WONG, Samantha

GR: GR4 : SNe and IACT methods - ☐☐ Asahi (16:00 - 18:00)

time	[id] title	presenter
16:00	[204] Probing Explosive Transients at Very High Energies: Joint LST-1 and MAGIC Observations of SN 2023ixf and TDE 2025aarm	SIMONGINI, Andrea
16:24	[318] Advancing the Understanding of Interaction-Powered Transients through Numerical Modeling	SUZUKI, Akihiro
16:48	[290] Interacting supernovae as cosmic-ray factories: simulations and observations	SUSHCH, Iurii
17:06	[105] New Science Cases in IACT Gamma-Ray Astronomy Using Run-Wise Simulations	HOLLER, Markus
17:24	[218] Event Level Searches for New Physics with IACTs: Ultra short gamma-ray bursts	LUNDY, Matthew
17:42	[319] CTAO – A New Era for Astroparticle Physics at the Highest Energies	BATKOVIĆ, Ivana

Wednesday 2 September 2026

GR: GR5 : Others - ☐☐ **Asahi (14:00 - 15:30)**

time	[id] title	presenter
14:00	[196] A common four-beam geometry reveals altitude-stratified GeV pulses in canonical young pulsars	YEUNG, Paul K. H.
14:18	[220] The Butterfly Effect? An Anti-Correlation of Sunspots and High-Energy Gamma Rays	FU, Kristy
14:36	[273] Secondary Electron-Positron Pairs as a Key Component of the Solar Disk TeV Emission	CAO, wenyu
14:54	[56] Multi-Messenger Concordance for the Cygnus Region as the Source of the Cosmic-Ray Knee	ESPINOSA CASTRO, Luis Enrique
15:12	[86] Delayed TeV Emission from Classical Novae	DIESING, Rebecca

GR: GR6 : Instruments - ☐☐ **Asahi (16:00 - 18:00)**

time	[id] title	presenter
16:00	[172] Status Report of ALPACA: a new air shower array experiment for ultra-high-energy gamma-ray astronomy in the southern hemisphere	KATO, Sei
16:20	[110] Optimization of gamma-ray energy reconstruction in ALPAQUITA	YAMANAKA, Yuji
16:40	[270] Improving Air Shower Reconstruction in HAWC Using the Outrigger Array	GYEONG, Junho
17:00	[194] Enhancing Muon Identification in the SWGO Outer Array with MultiPMT Modules through Machine Learning Techniques	GRIECO, Vincenzo Maria
17:20	[116] Probing the PeV Gamma-Ray Sky with PEPS	KIDO, Eiji
17:40	[160] First Light with the Prototype Schwarzschild-Couder Telescope's Upgraded Camera	CURTIS-GINSBERG, Zachary

Thursday 3 September 2026

GR: GR7 : AGNs - □□ Asahi (14:00 - 15:30)

time	[id] title	presenter
14:00	[130] Potential of Miniature Radio Galaxies at HE/VHE domain	SHARMA, Udai
14:18	[201] Search for correlations between Fermi-LAT very high energy photons and active galactic nuclei	KUDENKO, Mariia
14:36	[23] Probing CO-dark Gas and Blazar Jet Power with ALMA Calibrators: Toward the Origin of High-Energy Neutrinos	NARITA, Kanako
14:54	[24] The VERITAS TeV AGN Catalog	ESCUDERO PEDROSA, Juan
15:12	[12] Investigation of long-term data from the MAGIC Telescopes using database-driven automation tools	WALTHER, Cyrus

GR: GR8 : GRBs - □□ Asahi (16:00 - 18:00)

time	[id] title	presenter
16:00	[125] Probing Microphysics of Gamma-Ray Burst Afterglow and X-ray Flares through Broadband X-ray to GeV Emission and Implications for Very-High-Energy Radiation.	TIWARI, Pawan
16:25	[317] The diversity of Einstein Probe gamma-ray bursts and associated transients: insights into jets and their environments	HAMIDANI, Hamid
16:50	[297] Probing particle acceleration in Gamma-ray Burst afterglows through novel MeV correlation	MOHNANI, Shraddha
17:10	[88] GRB 260226A: An Exceptionally Bright Gamma-Ray Burst Observed by Fermi-GBM and LAT	DI LALLA, Niccolo'
17:30	[124] Predicting Multiwavelength Emission Associated with X-Ray Flares and Extended Emission of Gamma-Ray Bursts	MATSUI, Riki