

TeV Particle Astrophysics 2026

Monday 31 August 2026

MM: MM1 : High-Energy Galactic Emissions I - □□ Zao (14:00 - 15:30)

time	[id] title	presenter
14:00	[253] Testing a Stochastic Acceleration Model of Pulsar Wind Nebulae: High-Energy Neutrinos from the Crab Nebula	TANAKA, Shuta
14:15	[47] On Intrabinary Shocks in Spider Pulsars with Striped Winds	SELVI, Sebastiaan
14:30	[108] Unveiling Multimessenger Emission from Hidden Cores of Microquasars	WEI, Yujia
14:45	[178] Multimessenger Emission from Very-High-Energy Black Hole-Jet Systems in the Milky Way	CARPIO, Jose
15:00	[274] The high-energy astrophysics of the Sun	NG, Kenny Chun Yu
15:15	[32] High-energy multi-messenger emission from galaxy clusters	HUSSAIN, Saqib

MM: MM2 : High-Energy Galactic Emissions II - □□ Zao (16:00 - 18:00)

time	[id] title	presenter
16:00	[138] High-Energy Emission Analysis from the Galactic Center Region with HAWC and IceCube	YUN CARCAMO, Sohyoun
16:15	[292] Characterising the Galactic Neutrino Emission with IceCube	NESTE, Ludwig
16:30	[173] Searching for Galactic PeVatrons with ICEMAN	SEEN, Leo
16:45	[223] A minimal two-population model of cosmic ray spectra at TeV-PeV energies	VAIMAN, Igor
17:00	[153] Explaining the Measured Cosmic-Ray Nuclei Spectra with a Dual Source-category Model	MOTZ, Holger
17:15	[267] The role of TeV-PeV cosmic rays in the Milky Way and beyond	INOUE, Susumu
17:30	[293] LOFAR follow-up of sources in the First LHAASO Catalogue	ARIAS, Maria

Tuesday 1 September 2026

MM: MM3 : Transients and Future Multimessenger Missions - ☐☐ Zao (14:00 - 15:30)

time	[id] title	presenter
14:00	[288] Neutrino and electromagnetic signatures from superluminous supernovae (SLSNe)	MUKHOPADHYAY, Mainak
14:15	[279] Recent results on the prompt GRB emission modelling: properties of the X-ray emission	BOSNJAK, Zeljka
14:30	[257] High-z Gamma-ray bursts Unraveling the Dark Ages and extreme space-time Mission—HiZ-GUNDAM	YONETOKU, Daisuke
14:45	[165] MONSTER: Optical and Near-infrared Telescope onboard HiZ-GUNDAM	TSUMURA, Kohji
15:00	[250] The MeV Gamma-ray Sky Forecast: A Predicted All-Sky Map and a Source Catalog for Future MeV Missions	NAGASAWA, Michiyasu

MM: MM4 : Particle Acceleration - ☐☐ Zao (16:00 - 18:00)

time	[id] title	presenter
16:00	[236] Acceleration of TeV particles in structure formation shocks	BÖSS, Ludwig
16:15	[202] Particle Acceleration in Weakly Magnetized Transrelativistic Shocks	JIKEI, Taiki
16:30	[272] Robust 3+1D simulations of BDNK causal relativistic hydrodynamics	PATEL, Teerthal
16:45	[10] Origin of Cosmic Rays from the Pre-Structure Universe to Structure Formation Shocks	HA, Ji-Hoon
17:00	[107] SN 1006: a Cosmic Laboratory for Investigating Shock Acceleration Physics	MCGINNESS, Emma
17:15	[141] Exploring Cosmic Rays from Gravity-Limited Acceleration at Supermassive Black Holes	MANAO, Elena

Wednesday 2 September 2026

MM: MM5 : KM3-230213A and UHE Neutrinos - ☐☐ Zao (14:00 - 15:30)

time	[id] title	presenter
14:00	[229] IceCube's MeV to sub-TeV KM3-230213A Follow-up	VARA, Javier
14:15	[241] Results from the IceCube Follow-up of the KM3-230213A Event	SHAH, Riya
14:30	[99] Cosmogenic Origin of KM3-230213A: Delayed Gamma-Ray Emission from A Cosmic-Ray Transient	BOXI, Sovan
14:45	[14] Can a gamma-ray dim radio blazar produce a 200-PeV neutrino? The case of PMN J0606 -0724 and KM3-230213A	KIVOKURTSEVA, Polina
15:00	[323] Cosmogenic neutrinos from the high-redshift universe	MEIER, Maximilian

MM: MM6 : Time-Domain Multimessenger Studies - ☐☐ Zao (16:00 - 18:00)

time	[id] title	presenter
16:00	[20] Real-time astronomy with KM3NeT	MARCONI, Martina
16:15	[148] IceCube Realtime Program: Connecting high-energy neutrinos to the multi-messenger sky	ZEGARELLI, Angela
16:30	[150] Time-dependent neutrino search during gamma ray flares with the ANTARES and KM3NeT and neutrino telescopes	JAIMES, Ricardo
16:45	[151] IceCube Search for Neutrinos from Thousands of Fast Radio Bursts	MAND, Alicia
17:00	[179] Optical Counterpart search for a Month-timescale IceCube Neutrino Multiplet Event	TOSHIKAGE, Seiji
17:15	[255] GeV Neutrino Transient Search with IceCube Upgrade	KOBAYASHI, Yukiho
17:30	[280] Gamma-ray counterparts of the Fast X-ray Transients detected by Einstein Probe	CHOPRA, Ansh

Thursday 3 September 2026

MM: MM7 : Modeling of Particle Emissions - ☐☐ Zao (14:00 - 15:30)

time	[id] title	presenter
14:00	[26] Clustering the Interstellar Medium for Galactic Gamma-Ray Modelling	BARNSLEY, Imogen
14:15	[5] Variety of disk wind-driven explosions in massive rotating stars	CROSATO MENEGAZZI, Ludovica
14:30	[203] An updated proto-neutron star neutrino emission model	BALLELLI, Matteo
14:45	[72] On the optical-neutrino synchronized observation of interaction-powered supernovae	ASHIDA, Yosuke

MM: MM8 : AGNs - ☐☐ Zao (16:00 - 18:00)

time	[id] title	presenter
16:00	[35] Revisiting Disk Winds in Active Galactic Nuclei as an Origin of Cosmic Gamma-ray and Neutrino Backgrounds	SAKAI, Nobuyuki
16:15	[169] Toward a Self Consistent Contribution of Supermassive Black Hole X-ray Coronae to the Diffuse Extragalactic Neutrino Background	MBAREK, Rostom
16:30	[254] Turbulent AGN coronae as the origin of diffuse neutrinos up to PeV energies	YANG, Qi-rui
16:45	[199] Multi-Instrument, Multi-Messenger Blazar Modelling	ROBINSON, Joshua
17:00	[147] Search for neutrinos from optically-identified AGNs with IceCube	FUKAMI, Satoshi
17:15	[43] On the origin of delayed radio flares in neutrino-associated blazars: the case of TXS 0506+056	STATHOPOULOS, Stamatios Ilias
17:30	[65] Little Red Dots as Hidden Neutrino Sources	KUZE, Riku