

TeVPA 2025 - Valencia, Spain

Monday 03 November 2025

Gamma Rays: Galactic - Salón de Grados (14:30-16:15)

-Moderadores: Giulia Brunelli

time	[id] title	presenter
14:30	[40] A new view of the high-energy gamma-ray structure of the W51 complex with Fermi: identification of two extended components associated with W51B and W51C	PIROLA, Giorgio
14:45	[100] Very High Energy gamma-ray observations of the PeVatron candidate 1LHAASO J0056+6346u with the first CTAO Large-Sized Telescope	BRISCIOLI, Alessandra
15:00	[138] Search for the GeV Counterpart of PeVatron LHAASO J1912+1014u using Fermi-LAT and FUGIN CO Data	MIZUNO, Tsunefumi
15:15	[177] Deep H.E.S.S. Observations of the SNR W44 and Its Surroundings	ZHONG, Wenjuan
15:30	[249] Young supernova remnants interacting with dense CSM shells	BROSE, Robert
15:45	[245] Probing the PeVatron Candidate VER J2019+368 in the Cygnus Region with the SST-1M Stereoscopic System	MÜLLER, Ana Laura
16:00	[291] Supernova explosion within an extragalactic jet and the theoretical radiative output of such an event	LONGO, Bruno

Gamma Rays: Experiments - Salón de Actos (14:30-16:15)

-Moderadores: Julian Sitarek

time	[id] title	presenter
14:30	[211] The GRAMS Project: Gamma Rays and Antimatter from Astrophysical and Dark Matter Sources	SENSENI, Jonathon
14:45	[313] Crystal Eye: an instrument with a wide view of the MeV sky to study the astrophysical photons	SARKAR, Ritabrata
15:00	[344] WINK, a pathfinder for a future all-sky X and gamma-ray space-based detector	COLALILLO, Roberta
15:15	[33] Detecting Gamma-Ray Counterparts of High-Energy Neutrino Sources with CTAO: Prospects and Simulations	CICCIARI, Gloria Maria
15:30	[242] Implementation and Optimization Studies of the Divergent Pointing Mode for CTAO	AMBROSINO, Daniele
15:45	[327] Development of a multiPMT detector for the SWGO experiment: Simulation and performance study on muon tagging with machine learning techniques	GRIECO, Vincenzo Maria
16:00	[377] Probing Extreme PeVatron Sources (PEPS)	MARIS, Ioana

Gamma Rays: Extragalactic - Salón de Grados (16:45-18:30)

-Moderadores: Mónica Seglar-Arroyo

time	[id] title	presenter
16:45	[29] Probing Extreme Particle Acceleration in Blazars: A New Population of EHSP Candidates and Their TeV Prospects	LÁINEZ, María
17:00	[53] VHE gamma-ray observations of bright Blazars with CTAO LST-1	PRIYADARSHI, Chaitanya
17:15	[62] The Most Distant VHE Quasar: Probing OP 313's power with LST-1 and MAGIC	NIEVAS ROSILLO, Mireia
17:30	[97] LST-1 Observations of Radio Galaxies: a study of flaring and quiescent states for NGC 1275 and IC 310	ARNESEN, Tora T.H.
17:45	[56] Gamma-Ray Emission from AGN Disk Winds: A Case Study of the Nearby Seyfert Galaxy GRS 1734-292	SAKAI, Nobuyuki
18:00	[127] Detection of Extra-galactic sources and Transients from LHAASO-WCDA	ZHA, Min
18:15	[165] From Photons to Neutrinos: Advancing Multi-Messenger Blazar Modeling with Gammapy	HECKMANN, Lea

Gamma Rays: Experiments - Salón de Actos (16:45-18:30)

-Moderadores: Rubén López-Coto

time	[id] title	presenter
16:45	[77] Science program of the MAGIC telescopes	SITAREK, Julian
17:00	[153] Analysis of joint MAGIC+LST-1 observations	VISENTIN, Elisa
17:15	[207] The ASTRI Mini-Array: Overview and first results	MOLINA, Edgar
17:30	[301] The ASTRI Mini-Array follow-up of transient events in TeV band	CAROSI, Alessandro
17:45	[108] Towards the evaluation of a candidate layout for the SWGO outer array to events above 30 TeV	NEGRO, Andrea
18:00	[142] Status of ALPACA to explore southern sub-PeV gamma-ray sky from Bolivia	SAKO, Takashi
18:15	[173] Deployment of Imaging Air Cherenkov Telescopes for 10 TeV - PeV Gamma-Ray Astronomy	POPOVYCH, Yuriy

Tuesday 04 November 2025

Gamma Rays: Extragalactic - Salón de Actos (14:30-16:15)

-Moderadores: Mireia Nievas Rosillo

time	[id] title	presenter
14:30	[346] Bridging Gravitational Waves and High-Energy Gamma Rays: Searching for sGRB Afterglows from Compact Binary Coalescences with CTAO	SEGLAR-ARROYO, Mónica
14:45	[340] Follow-up of LVK O4 Gravitational Wave events with MAGIC and LST-1: Constraints on GW VHE Gamma-Ray Counterparts	JIMÉNEZ QUILES, Juan
15:00	[332] Detection of TeV emission from poorly localized GRBs with ground based IACTs, and future perspective in the era of CTAO	MACERA, Samanta
15:15	[256] Observation and characterization of the second spectral component in GRB 221009A	BANERJEE, Biswajit
15:30	[185] Emission from Gamma-Ray Bursts at Very High Energy : Insights from 15 Years of H.E.S.S. Observations	DE BONY DE LAVERGNE, Mathieu
15:45	[182] Testing the ubiquitous presence of very high energy emission in gamma-ray bursts with the MAGIC telescopes	MICELI, Davide
16:00	[119] Characterization of early X-ray emission of Swift/XRT detected short-GRBs and multi-messenger perspective	IERARDI, Annarita

Gamma Rays: Galactic - Salón de Actos (16:45-18:30)

-Moderadores: Paula Kornecki

time	[id] title	presenter
16:45	[386] Pulsars in the very-high-energy gamma-ray domain	DE OÑA WILHELM, Emma
17:00	[65] Phase-dependent spectra of the Crab pulsar with the MAGIC telescopes	Dr. CERIBELLA, Giovanni
17:15	[47] Multiwavelength modeling including the first hard X-ray observations of the PeVatron Candidate Pulsar Wind Nebula in G0.9+0.1	BRUNELLI, Giulia
17:30	[20] Gamma-ray emission from Pulsar Wind Nebulae in the inner Galactic center	SCHERER, Andrés
17:45	[120] Impact of interstellar magnetic field parameters on the asymmetry of pulsar halos	LI, Yuan
18:00	[347] Geminga and LHAASO J0621+3755: Pushing the Boundaries of X-ray and TeV Observations of Pulsar Halos	WOO, Jooyun
18:15	[368] CTAO Forecasting for the TeV Halos of Geminga and Monogem	LI, Youyou

Wednesday 05 November 2025

Gamma Rays: Galactic - Salón de Grados (14:30-16:15)

-Moderadores: Emma de Oña Wilhelmi

time	[id] title	presenter
14:30	[23] Results of the long-term campaign on Cygnus X-3 with the MAGIC telescopes	BARRIOS-JIMÉNEZ, Luis
14:45	[126] Study on Gamma ray-binaries with the LHAASO data	HASAN, Mariam
15:00	[137] Orbital Modulation of Gamma Rays up to 100 TeV from LS 5039	MOSTAFA, Miguel
15:15	[146] Detection of very-high-energy gamma-ray emission from Eta Carinae during its 2020 periastron passage	STEINMASSL, Simon
15:30	[255] A new orbital solution for HESS J0632+057 and modelling the effect of the Be discs on the emission from gamma-ray binaries	MATCHETT, Natalie
15:45	[297] Discovery of TeV emission from the PWN of PSR J0855-4644	FEIJEN, Kirsty
16:00	[130] Variability of non-thermal emission from supernova remnants induced by reflected shocks	SUSHCH, Iurii

Gamma Rays: Extragalactic - Salón de Actos (14:30-16:15)

-Moderadores: Lea Heckmann

time	[id] title	presenter
14:30	[221] The VERITAS TeV AGN Catalog	ESCUDERO PEDROSA, Juan
14:45	[222] Spectro-Polarimetric Observations of TeV sources (SPOTS)	VAN SOELEN, Brian
15:00	[70] High energy emission of cosmic messengers from galaxy clusters	HUSSAIN, Saqib
15:15	[210] Time-Dependent Leptonic Modeling of the High-Redshift Blazar 4C +01.02 Using Multiwavelength Observations	MUKHERJEE, Shruti
15:30	[199] A Systematic Search for Blazar QPOs: Connecting Jet Variability to Gravitational Wave Sources	DOMÍNGUEZ, Alberto
15:45	[111] Multi-wavelength view of 3C 279 during the 2017-2018 EHT campaigns including an unprecedented gamma-ray flare	PRINCIPE, Giacomo
16:00	[228] Investigating the morphology and polarisation of kiloparsec-scale AGN jets with hybrid relativistic magnetohydrodynamic simulations	VAN DER WESTHUIZEN, Izak

Gamma Rays: Galactic - Salón de Grados (16:45-18:30)

-Moderadores: Stefano Menchiari

time	[id] title	presenter
16:45	[258] MeV radiation from a relativistic tidal disruption event	OGANESYAN, Gor
17:00	[134] Supernova-origin of ultra-high energy gamma-rays in the Cygnus star-forming complex	HAERER, Lucia
17:15	[115] Exploring the potential hadronic gamma-ray emission from a protostellar jet	MÉNDEZ-GALLEGO, Javier

17:30	[114] Understanding TeV gamma-ray emission from star clusters through global MHD simulations	VIEU, Thibault
17:45	[24] Star-Forming Galaxies as TeV γ -ray Sources: Prospects for Detection	KORNECKI, Paula
18:00	[151] Exploring PeVatrons with associated molecular clouds in the era of CTAO and ASTRI Mini-Array	SUNNY, Alan
18:15	[212] Prospects on detection of the Fermi Bubbles with CTAO	BAVDAŽ, Nina

Gamma Rays: Extragalactic - Salón de Actos (16:45-18:30)

-Moderadores: Alberto Domínguez

time	[id] title	presenter
16:45	[303] Twelve Years of Multiwavelength Monitoring of PG 1553+113: Evidence for a Two-Zone SSC Emission	SILVESTRI, Giuseppe
17:00	[239] Search for VHE Short-Timescale Variability in PG 1553+113	LUCIANI, Helena
17:15	[331] The Littlest Galaxies Shine All Too Softly: A Gamma-Ray Look at Dwarf AGN	CRNOGORCEVIC, Milena
17:30	[265] Investigation of the extreme activity of Mrk 501 in 2014 and of its intriguing TeV feature	GIESBRECHT FORMIGA PAIVA, João Gabriel
17:45	[252] Gamma rays from M87*	NIEDZWIECKI, Andrzej
18:00	[247] Search for cosmic-ray induced gamma-ray emission from local galaxy clusters using Fermi-LAT data	PÉREZ-ROMERO, Judit
18:15	[364] Studies of low-luminosity AGN: NGC 4278	CHEN, Shilong

Thursday 06 November 2025

Gamma Rays: Methods - Salón de Actos (14:30-16:15)

-Moderadores: David Green

time	[id] title	presenter
14:30	[277] Inferring the Source-Count Distributions and Spectra of the Unresolved Gamma-Ray Background with Simulation-Based Inference	SCHOEN, Eve
14:45	[246] Multi-class classification of unassociated Fermi LAT sources with machine learning and the puzzle of soft Galactic unassociated sources	MALYSHEV, Dmitry
15:00	[271] Recovering population properties of gamma-ray sources in the presence of biased data	EGBERTS, Kathrin
15:15	[187] An event-type based analysis for LST-1	GARCÍA SOTO, Silvia
15:30	[198] Improving LST-1 Sensitivity on Real Data Using Deep Learning Techniques and CTLearn	POZO GONZÁLEZ, Cristian
15:45	[361] Performance and scientific evaluation of Gammalearn on LST-1 data	GROLLERON, Guillaume
16:00	[158] Classifying Waveform MAGIC Telescope Data Using Graph Neural Networks	GREEN, Jarred

Gamma Rays - Salón de Actos (16:45-18:30)

-Moderadores: Judit Pérez-Romero

time	[id] title	presenter
16:45	[135] CTAO: The upcoming VHE gamma-ray observatory	GREEN, David
17:00	[30] VHE Supernovae: state of the art and latest observations with the CTAO LST-1 and MAGIC telescopes	SIMONGINI, Andrea
17:15	[307] Unexpected Features of Solar Gamma-Ray Emission	LINDEN, Tim
17:30	[51] MeV cosmic-ray electrons modify the TeV pair-beam plasma instability	ALAWASHRA, Mahmoud
17:45	[169] Combining Lorentz invariance violation of photons in the extragalactic propagation and in the detection stage	BONCIOLI, Denise
18:00	[200] First Lorentz Invariance Violation constraint from a cooperation of Imaging Atmospheric Cherenkov Telescopes	TERZIĆ, Tomislav
18:15	[178] TeV Survey of the LMC with H.E.S.S.	MCKIE, Edwin