

TeVPA 2025 - Valencia, Spain

Wednesday 05 November 2025

Dark Matter: Indirect Detection: Indirect messengers - Room 3.1+3.2 (14:30-16:15)

-Moderadores: Christopher Dessert

time	[id] title	presenter
14:30	[204] Invited: Searches for Dark Matter with KM3NeT	ŠAINA, Adrian
14:45	[79] CosmiXs: Cosmic messenger spectra for indirect dark matter searches	DI MAURO, Mattia
15:00	[205] Richer Cosmic Ray Spectra from Expanding the Dark Matter Theoretical Landscape	SASSI, Tommaso
15:15	[73] Cosmic ray antihelium in the Galaxy	DE LA TORRE LUQUE, Pedro
15:30	[5] Antinuclei production from dark matter via weakly decaying b-hadrons	KOECHLER, Jordan
15:45	[87] Cosmic antinuclei from primordial black holes	STEFANUTO, Lorenzo
16:00	[84] Cosmic-ray cooling by dark matter in astrophysical jets	CHIANESE, Marco

Dark Matter: Indirect Detection: Photons I - Room 3.1+3.2 (16:45-18:30)

-Moderadores: Nirmal Raj

time	[id] title	presenter
16:45	[278] Invited: Was there a 3.5 keV line?	DESSERT, Christopher
17:00	[143] 20 GeV halo-like excess of the Galactic diffuse emission and implications for dark matter annihilation	TOTANI, Tomonori
17:15	[74] Prospects of MeV telescopes in probing weak-scale Dark Matter	KAR, Arpan
17:30	[98] A novel method for Forecasting and Recasting Dark Matter Annihilation Limits from Gamma-Ray Observations	D'AMICO, Giacomo
17:45	[35] Indirect detection probes for Minimal Dark Matter 5plet	MARINO, Giulio
18:00	[61] Looking for Dark Matter in the Unresolved Gamma-Ray Background through Cross-Correlations with Gravitational Tracers	THAKORE, Bhashin
18:15	[8] Searching for Axion Dark Matter with Radio Telescopes	VISINELLI, Luca

Thursday 06 November 2025

Dark Matter: Indirect Detection: Stars and galaxies - Room 3.1+3.2 (14:30-16:15)

-Moderadores: Matthew Baumgart

time	[id] title	presenter
14:30	[156] Stellar streams as targets for indirect dark matter searches	FERNÁNDEZ-SUÁREZ, Cristina
14:45	[59] New insights on low-mass dark matter subhalo tidal tracks via numerical simulations	AGUIRRE-SANTAELLA, Alejandra
15:00	[203] Dark Matter-Electron Interactions Change the Spectral Index of M87	HUSSEIN, Abdelaziz
15:15	[160] Impact of Galactic dark matter on annihilation signals from Sagittarius	VIENNEAU, Evan
15:30	[354] On the dark matter capture by celestial objects	OKAWA, Takuya
15:45	[326] Jupiter is a Leptophilic Dark Matter Refrigerator	NGUYEN, Thong
16:00	[292] Searching for Dark Matter in Antarctica with the GAPS Experiment	VANNUCCINI, Elena

Dark Matter: Indirect Detection: Photons II - Room 3.1+3.2 (16:45-18:30)

-Moderadores: Christopher Cappiello

time	[id] title	presenter
16:45	[253] Invited: Ten years of Indirect Dark Matter searches at TeV scales with HAWC	HERNÁNDEZ CADENA, Sergio
17:00	[162] Sensitivity of the Cherenkov Telescope Array Observatory to Dwarf Irregular Galaxies	ZURIAGA-PUIG, Jaume
17:15	[360] WIMP Dark Matter's Michelson-Morley Moment	BAUMGART, Matthew
17:30	[184] Probing Axion-Like Particles with LST-1 Observations of Multiple Blazars	BATKOVIĆ, Ivana
17:45	[224] Gamma rays from the Galactic Center strongly constrain thermal relic dark matter	ECKNER, Christopher
18:00	[237] Primordial Black Hole evaporation search with MAGIC	DO SOUTO ESPIÑEIRA, Elia
18:15	[337] Invited: CMB constraints on non-minimally coupled ultralight dark matter	GHOSH, Subhajit