

TeVPA 2025 - Valencia, Spain

Monday 03 November 2025

Neutrinos: The first ultra-high-energy neutrino & Neutrino production - Room 1.1+1.2 (14:30-16:15)

-Moderadores: Mauricio Bustamante

time	[id] title	presenter
14:30	[168] Scrutinising the cosmogenic origin of KM3-230213A with the cosmic-ray proton fraction and gamma-ray constraints	BONCIOLI, Denise
14:45	[14] A strike of luck: the KM3Net neutrino produced by evaporating burdened PBHs	BOCCIA, Andrea
15:00	[357] Investigation of a Muon Burst Coincident with KM3-230213A	NOZZOLI, Francesco
15:15	[144] Ultra-high-energy neutrino searches at the Pierre Auger Observatory	AMMERMAN-YEBRA, Juan
15:30	[109] Numerical Studies of High-Energy Neutrino Emission from a Radiatively Inefficient Accretion Flow with a 3D GRMHD Simulation	KAWASHIMA, Tomohisa
15:45	[355] Exploring ultra-high energy neutrino experiments through the lens of the transport equation	PALMISANO, Stefano
16:00	[67] Predicting the outcome of neutrino flavor instabilities	FROUSTEY, Julien

Tuesday 04 November 2025

Neutrinos: Searches for extragalactic sources - Room 1.1+1.2 (14:30-16:15)

-Moderadores: Aya Ishihara

time	[id] title	presenter
14:30	[41] IceCube all-sky neutrino source searches using combined tracks and cascades datasets	SHAH, Riya
14:45	[68] Search for High-Energy Neutrinos from Infrared Flares with IceCube archival data	PERNICE, Teresa
15:00	[92] Bright blazar flares and their lagging neutrino counterparts	PODLESNYI, Egor
15:15	[235] Evidence of Neutrino Emission from Southern Sky X-ray Bright Seyfert Galaxies with IceCube	YU, Shiqi
15:30	[206] IceCube observations of northern Seyfert galaxies and implications for the extragalactic neutrino flux	DEYOUNG, Tyce
15:45	[18] Search for X-ray transient counterparts for the IceCube neutrino events with MAXI	YOSHIDA, Shigeru
16:00	[215] Combined KM3NeT/ARCA and ANTARES searches for compact neutrino sources	KULIKOVSKIY, Vladimir

Neutrinos: Galactic neutrinos - Room 1.1+1.2 (16:45-18:30)

-Moderadores: Xavier Rodrigues

time	[id] title	presenter
16:45	[64] IceCube searches for steady-state sub-TeV neutrino emission from galactic and extragalactic source candidates	WANG, Andrew
17:00	[293] Measuring the Astrophysical Galactic Plane Neutrino Flux using the IceCube Multi-Flavor Astrophysical Neutrino Sample	THIESMEYER, Matthias
17:15	[269] Measurement of the Neutrino Flux in Segments along the Galactic Plane with IceCube	NESTE, Ludwig
17:30	[172] Joint KM3NeT and HAWC Analysis of Galactic Sources	COUTIÑO DE LEÓN, Sara
17:45	[369] The very-high-energy neutrino (and gamma-ray) flux from the Galactic Plane	VILLANTE, Francesco
18:00	[122] Estimating the Galactic Neutrino Flux	OZLATI MOGHADAM, Mohadeseh
18:15	[260] Young massive star clusters and their contribution to galactic neutrino and diffuse gamma-ray emission	MENCHIARI, Stefano

Wednesday 05 November 2025

Neutrinos: Future detectors - Room 1.1+1.2 (14:30-16:15)

-Moderadores: Claire Guépin Detrigne

time	[id] title	presenter
14:30	[38] The IceCube Upgrade and IceCube-Gen2: Next Steps in Neutrino Astrophysics	ISHIHARA , Aya
14:45	[197] The Radio Neutrino Observatory in Greenland (RNO-G)	HUESCA SANTIAGO, Enrique
15:00	[231] Status of the Radar Echo Telescope for Cosmic Rays	LOUDON, Isha
15:15	[273] Prospects for UHE neutrino flavor measurements with PUEO	WELLING, Christoph
15:30	[348] The Pacific Ocean Neutrino Experiment	TABOADA, Ignacio
15:45	[304] Tracing Out the Neutrino Sky with TAMBO	THOMPSON, Will
16:00	[16] RES-NOVA: an observatory for supernova neutrinos and astroparticle physics	QUITADAMO, Simone

Neutrinos: Source modeling - Room 1.1+1.2 (16:45-18:30)

-Moderadores: Denise Boncioli

time	[id] title	presenter
16:45	[351] The case for blazars as ultra-high-energy neutrino sources	RODRIGUES, Xavier
17:00	[141] Modeling of blazar emission: multiwavelength and multimessenger fit powered by Convolutional Neural Network	SAHAKYAN, Narek
17:15	[183] Can the Neutrinos from TXS 0506+056 Have a Coronal Origin?	FIORILLO, Damiano
17:30	[225] Multimessenger-Informed Characterization of High-Energy Neutrino Emission from Bright Seyfert Galaxies	CARPIO, Jose
17:45	[202] Universal properties of electromagnetic cascades initiated by hadronic interactions	TESTAGROSSA, Federico
18:00	[118] Cosmic-Ray Interactions in Pulsar Magnetospheres	GUÉPIN DETRIGNE, Claire
18:15	[136] Constraints on High Energy Neutrino density from Large Scale Structure	GÁLVEZ UREÑA, Alberto

Thursday 06 November 2025

Neutrinos: Neutrino alerts & Standard neutrino physics - Room 1.1+1.2 (14:30-16:15)

-Moderadores: Damiano Fiorillo

time	[id] title	presenter
14:30	[43] IceCat-2: Updated IceCube Event Catalog of Alert Tracks	SOMMANI, Giacomo
14:45	[39] The KM3NeT neutrino alert pipeline for multi-messenger astronomy	CECCHINI, Vincent
15:00	[166] Advancing Multi-Messenger Astronomy: IceCube's Enhanced Real-Time Neutrino Alert System	BERNARDINI, Elisa
15:15	[180] Gamma rays as leptonic portals to energetic neutrinos: a new Monte Carlo approach	DI MARCO, Gaetano
15:30	[311] Earth Tomography Results Using High-Energy Atmospheric Neutrinos at IceCube	WEN, Alex
15:45	[229] Prompt atmospheric leptons and the potential role of intrinsic charm	SIGL, Günter
16:00	[117] Charm Production in IceCube and its Implications for Astrophysical Tau Neutrino Searches	JIN, Miao chen

Neutrinos: Nonstandard neutrino physics & Primordial neutrinos - Room 1.1+1.2 (16:45-18:30)

-Moderadores: Mauricio Bustamante

time	[id] title	presenter
16:45	[195] Determination of the High-Energy Neutrino-Nucleon Cross Section with Muon Tracks around the TeV	HAJJAR, Rasmi
17:00	[22] KM3NeT/ARCA sensitivity to neutrino quantum decoherence	LESSING, Nadja
17:15	[263] An inclusive search for neutrino di-muon events at IceCube	ZHELNIN, Pavel
17:30	[343] Constraints on Neutrino Secret Interactions from High energy neutrinos scattering on CvB	PETROPAVLOVA, Mariia
17:45	[274] Signatures of quasi-Dirac neutrinos in the high-energy astrophysical neutrino flux	CARLONI, Kiara
18:00	[32] Primordial High Energy Neutrinos	GRIMBAUM YAMAMOTO, Nicolas
18:15	[34] New approach for study of dynamics of neutrinos in the primordial era	SYVOLAP, Vsevolod