

XVIII International Conference on Topics in Astroparticle and Underground Physics (TAUP 2023)

Tuesday 29 August 2023

Dark matter and Neutrino: inter-track parallel session 1 - Hörsaal 7 lecture hall (14:00 - 15:30)

-Conveners: Marco Vignati

time	[id] title	presenter
14:00	[88] Search for solar ν_B neutrinos with XENONnT	Dr WITTEG, Christian
14:15	[242] Exploring New Physics up to the MeV energy scale with XENONnT	Dr PIERRE, Maxime
14:30	[273] Progress of double-weak decays and solar pp neutrinos in PandaX-4T experiment	XIAO, Xiang
14:45	[151] A novel imaging detector for liquid scintillator experiments	Dr TOSI, Nicolo
15:00	[518] XLZD beyond WIMPs: Neutrino-less double beta-decay and More!	PALLADINO, Kimberly

Dark matter and Neutrino: inter-track parallel session 2 - Hörsaal 7 lecture hall (16:00 - 18:00)

-Conveners: Christoph Wiesinger

time	[id] title	presenter
16:00	[202] Studying the Sterile Baryonic Neutrino Using Direct Detection and Spallation Source Experiments	Dr DE LOS RIOS, Martín
16:15	[211] From double to single beta decays – the search for the isomeric decay of ^{180m}Ta in the MAJORANA DEMONSTRATOR	Dr MASSARCZYK, Ralph
16:30	[280] Update on the ECHO experiment	Dr GASTALDO, Loredana
16:45	[439] Geant4 simulations of sub-keV electron energy loss in CaWO_4 and Al_2O_3 by ELOISE	Dr KLUCK, Holger
17:00	[277] The Scintillating Bubble Chamber (SBC)	HAWLEY HERRERA, Hector
17:15	[383] Searching light dark matter boosted by supernova neutrinos in Super-K, Hyper-K and DUNE	Dr LIN, Yen-Hsun

Thursday 31 August 2023

Dark matter and Neutrino: inter-track parallel session 3 - Hörsaal 7 lecture hall (14:00 - 15:30)

-Conveners: Robert Breier

time	[id] title	presenter
14:00	[111] Constraining Particle Dark Matter with eROSITA Early Data	FONG, Chingam
14:15	[441] Searches for Beyond Standard Model Physics in the SBND neutrino experiment	CRESPO-ANADÓN, José I.
14:30	[448] New Physics searches using ProtoDUNE and the CERN SPS accelerator	URREA, salvador
14:45	[279] Loop-mediated Dark Matter-neutrino interactions	MACIAS CARDENAS, Karen