

XX International Workshop on Neutrino Telescopes

Tuesday, October 24, 2023

Data Science and Detector R&D - Palazzo Franchetti (3:20 PM - 4:40 PM)

-Conveners: Filippo Varanini

time	[id] title	presenter
3:20 PM	[35] LArRI: a new setup for Liquid Argon Refractive index measurement	BOTTINO, Bianca
3:40 PM	[29] First demonstration of O(ns) timing resolution in the MicroBooNE liquid argon time projection chamber	TOTANI, Dante
4:00 PM	[33] Low Energy Neutrino Physics with THEIA and EOS	STEIGER, Hans
4:20 PM	[53] Prototyping the SoLAr dual readout LAr TPC to enable solar neutrino detection program	GAUCH, Anja

Data Science and Detector R&D - Palazzo Franchetti (5:10 PM - 6:30 PM)

-Conveners: Filippo Varanini

time	[id] title	presenter
5:10 PM	[28] Overview of the 2 x 2 Demonstrator: A Pixel-Based LArTPC Prototype for the DUNE Near Detector	DIURBA, Richard
5:30 PM	[19] The photo-detection system and double calorimetry in DUNE	BRUNETTI, Giulia
5:50 PM	[42] Towards the implementation of the ENUBET neutrino cross section experiment at CERN	MCELWEE, Jordan
6:10 PM	[21] Imaging Neutrino interactions with Liquid Argon scintillation light at the DUNE Near Detector Complex	CICERO, Valentina

Thursday, October 26, 2023

Data Science and Detector R&D - Palazzo Loredan, Sala delle Adunanze (9:00 AM - 10:00 AM)

-Conveners: Chiara Sirignano

time	[id] title	presenter
9:00 AM	[76] KM3NeT/ARCA seafloor network infrastructure	BIAGI, Simone
9:20 AM	[18] Calibration of the KM3NeT detector	RICCOBENE, Giorgio Maria
9:40 AM	[90] New sensors for acoustic neutrino detection	BUIS, Ernst-Jan

Data Science and Detector R&D - Palazzo Franchetti (4:55 PM - 6:55 PM)

-Conveners: Mauro Mezzetto

time	[id] title	presenter
4:55 PM	[12] BINGO proposals for background reduction in $0\nu 2\beta$ bolometric experiments	KHALIFE, Hawraa
5:15 PM	[67] Assembly, test and analysis development of the T2K upgrade	LI, Weijun
5:35 PM	[81] Next-generation CEvNS experiments at the ESS and beyond	LEWIS, Mark
5:55 PM	[31] Multi-Calorimetry in Light-based Neutrino Detectors	HAN, Yang
6:15 PM	[84] Euclid Spectroscopic Image Simulations and Reconstruction	PASSALACQUA, Francesca
6:35 PM	[13] QUEST-DMC: detection of sub-GeV dark matter with nanowires in a superfluid He-3 calorimeter	FRANCHINI, Paolo