

SCHOOL: Multi-Aspect Young-ORiented Advanced Neutrino Academy (MAYORANA) - International School II edition

Friday, 20 June 2025

Mini-talk - Palazzo Grimaldi (17:00 - 18:45)

time	[id] title	presenter
17:00	[11] A Novel Liquid Scintillator Setup for Beta-spectrum Measurements	AHOLA, Timo
17:07	[15] PNS parameters estimation with neutrino emission from supernovae	BALLELLI, Matteo
17:15	[24] Probing the unseen: Prospects for sterile neutrino searches using the NINJA detector	BARČOT, Doris
17:25	[22] FACT - Multi-wavelength and Multi-messenger Studies with the FACT Telescope	BRAND, Katharina
17:35	[20] Novel analysis techniques for neutrino and dark-matter experiments with the DIANA framework	CAPPELLI, Matteo
17:42	[2] Characterization and simulation of the low background GAGG neutron detector	CHU, Yingjie
17:49	[18] Majorana neutrino masses and neutrino-antineutrino oscillations	CHVOSTÁLOVÁ, Miriam
17:56	[28] Double Beta Decay in the Context of EMPM and STDA Methods	DENISOVA, Daria
18:03	[31] Insights into Lithium-Germanium Interface Dynamics in HPGe Detectors: A GEANT4 Study	DEVI, Soni
18:10	[14] CRAB: high-precision calibration for neutrino and dark matter experiments	DOUTRE, Corentin
18:17	[27] Installation of the JUNO-TAO experiment	FERRANTE, Giovanni
18:24	[25] The Gallium Anomaly: An Unsolvable Puzzle?	FERRO, Luca

Monday, 23 June 2025

Mini-talk - Palazzo Grimaldi (17:00 - 18:45)

time	[id] title	presenter
17:00	[16] Energy calibration of bulk events in the BULLKID detector	FOLCARELLI, Matteo
17:07	[4] The first neutrino mass measurement of HOLMES experiment	Dr GAMBÀ, Sara
17:14	[10] PROBING SHORT RANGE CORRELATIONS IN HEAVY-ION DOUBLE CHARGE EXCHANGE REACTIONS	GAROFALO, Caterina
17:21	[13] Monitored neutrino beams: ENUBET design and prototype performance	Mr HALIĆ, Leon
17:28	[9] The $(1_{L_{\mu}} - L_{\tau})$ model meets the new $(g-2)_{\mu}$ data and muon neutrino trident scattering	LI, Ming-Wei
17:35	[29] Feasibility study for the light injection system of CUPID	MANENTI, Nicola
17:42	[8] Analysis Chain of MONUMENT	Dr MONDRAGON, Elizabeth
17:49	[12] Searching for ^{123}Te electron capture with CUORE	MOORE, Maya
17:56	[17] Improved description of double beta decay	Dr NITESCU, Ovidiu
18:03	[6] Toward Precision Physics Test with CEvNS Cryogenic COHERENT CsI detector	PAVARANI, Riccardo
18:10	[21] Designing and testing a phonon-mediated Kinetic Inductance Detector with phonon-funneling volume	PESCE, Leonardo
18:17	[19] The new gas tracker of the MAGNEX spectrometer for high-rate ion detection: an experimental challenge for the NUMEN project	PITRONACI, Antonino

Tuesday, 24 June 2025

Mini-talk - Palazzo Grimaldi (17:00 - 18:30)

time	[id] title	presenter
17:00	[23] Towards uniform detector response in large-scale KID arrays for Dark Matter searches with BULLKID-DM	QUARANTA, Davide
17:07	[7] Inelastic neutrino scattering on argon	SESTU, Michela
17:14	[5] CUORE Low-Energy Spectrum Sensitivity to Cosmic Axions	SHAIKINA, Anastasiia
17:21	[3] γ decay of IAS in ^{71}Ge : a new pathway to Gallium anomaly	STRAMACCONI, Damiano
17:28	[26] In-situ Time Calibration of KM3NeT ARCA	TORRISI, Maria Rita
17:35	[30] Studies for the selection of fully contained ν_{μ} CC events in the ICARUS T600 detector at Fermilab	VEDOVATO, Enrico
17:42	[32] Neutrino Quantum Decoherence with Km3Net/ARCA	LESSING, Nadja
17:49	[33] Dark Photon Search at the Short-Baseline Near Detector	FRICANO, Gaetano
17:56	[34] Detecting Coherent elastic scattering of reactor antineutrinos with the NUCLEUS experiment	MCCALLIN, Liliane