

Dark Matter and Neutrinos

Wednesday, May 7, 2025

Talks by the participants (11:00 AM - 12:31 PM)

time	[id] title	presenter
11:00 AM	[85] The PTOLEMY project: how to make a screenshot of the very early Universe	POFI, Francesca Maria
11:13 AM	[86] First Search for High-Energy Neutrino Emission from Galaxy Mergers	BOURI, Subhadip
11:26 AM	[87] Closing in on the QCD axion window with JWST	SAHA, Akash Kumar
11:39 AM	[88] Probing New Physics with Reactor Neutrinos and Skipper-CCDs at CONNIE	VENTURA, Pedro
11:52 AM	[89] DUNE's Sensitivity to Solar Neutrinos	MANTHEY, Sergio
12:05 PM	[90] Super-Kamiokande Strongly Constrains Leptophilic Dark Matter Capture in the Sun	NGUYEN, Thong
12:18 PM	[103] "inVISIBILI outreach project"	MERKEL, Elina

Talks by the participants (4:00 PM - 5:00 PM)

time	[id] title	presenter
4:00 PM	[91] TESSERACT experiment at the Modane Underground Laboratory	BLÉ, Juliette
4:13 PM	[92] Higher-Order Perturbative QCD in Higgs Decay to Hadrons	NOGUEIRA, Guilherme
4:26 PM	[93] Searching the dark Photon at the LNLS	CORREA ANGEL, Silvia Lucia
4:39 PM	[94] Supernova neutrino signal as probe of the dense matter equation of state featuring a first order QCD phase transition	KHOSRAVI LARGANI, Noshad

Friday, May 9, 2025

Talks by the participants (2:00 PM - 3:31 PM)

time	[id] title	presenter
2:00 PM	[95] Search for wavelike dark matter with superconducting qubits and quantum circuit	SICHANUGRIST, Thanaporn
2:13 PM	[96] Unlocking the Inelastic Dark Matter Window with Vector Mediators	FOGUEL, Ana Luisa
2:26 PM	[97] Search for light dark matter with XENONnT experiment	PAN, Yongyu
2:39 PM	[98] DELight: a Direct search Experiment for Light dark matter	BURMEISTER, Lea
2:52 PM	[99] Baryogenesis from Phase Transitions below a GeV	MUSUMECI, Alessia
3:05 PM	[100] New Constraints on Gauged $U(1)_{L\mu-L\tau}$ Models via $Z-Z'$ Mixing	MIYAO, Coh
3:18 PM	[101] The SABRE dark matter experiment	SZCZEPANIEC, Krzysztof