

QUARKS-2026

Monday, 18 May 2026

Neutrino physics (15:40 - 17:00)

-Conveners: Liudmila Kolupaeva

time	[id] title	presenter
15:40	[381] Project SATURNE: The study of coherent elastic scattering of tritium antineutrinos and constraint on the neutrino magnetic moment	STUDENIKIN, Alexander
16:00	[376] Quantum field-theoretic framework for neutrino decoherence	STANKEVICH, Konstantin
16:20	[406] Formalism of Open Quantum Systems in Neutrino Scattering on Superfluid Helium	VYALKOV, Maxim
16:40	[323] Neutrino mass variables in 3 active and 2 sterile neutrino model	NARASIMHAMURTHY, Rajeev

Neutrino physics (17:20 - 19:00)

-Conveners: Dmitry Gorbunov

time	[id] title	presenter
17:20	[268] High-energy motivation and low-energy signatures of the Inverse Seesaw model	KAZARKIN, Dmitrii
17:40	[302] The potential of directional neutrino detection to observe neutrino spin oscillations	LAZAREV, Fedor
18:00	[255] Testing of beta and antineutrino spectra symmetry by the use of multi-kiloton detector	INGERMAN, Svetlana
18:20	[412] Daya Bay final results with open data and model	ZAVADSKYI, Vitalii
18:40	[371] The possibility of limitation by JUNO detector of 40K antineutrino and neutrino flux for obtaining its abundance in the Earth	SINEV, Valery

Wednesday, 20 May 2026

Neutrino physics (12:20 - 14:00)

-Conveners: Alexander Studenikin

time	[id] title	presenter
12:20	[297] Neutrino oscillations: CP violation and mass ordering	KUDENKO, Yury
12:40	[260] Analysis of atmospheric neutrino interactions in the NOvA far detector	IVANOVA, Aleksandra
13:00	[315] Suppression of noise hits and events from extensive air showers by neural networks using domain adaptation in the Baikal-GVD experiment.	MATSEIKO, Albert
13:20	[348] Wave packet treatment of neutrino oscillations in astrophysical environments	POPOV, Artem
13:40	[397] Effects of vector NSI in elastic neutrino-atom scattering	VERKHOVTSEV, Maksim