

Table of contents

Wednesday 28 October 2026	1
Thursday 29 October 2026	2

The 8th international conference on particle physics and astrophysics

Wednesday 28 October 2026

Neutrino physics: Accelerator neutrino (09:00-11:00)

time	[id] title	presenter
09:00	[183] Pion and muon identification in charged-current muon-neutrino interaction in the upgraded near detector of the T2K Experiment	SHVARTSMAN, Alexandr
09:15	[187] Search for Heavy Neutral Leptons with T2K Near Detector ND280	GORSHANOV, Konstantin
09:30	[285] Probing Pion-Nucleon and Proton-Nucleon Production Channels for Millicharged Particles in the SuperFGD Detector at T2K	MASHIN, Nikita
09:45	[335] TPC Particle Identification Performance and Systematic Uncertainties in the T2K Near Detector Before and After the Upgrade	DERGACHEVA, Anna
10:00	[146] First Analysis of Muon Neutrino Interactions in the SuperFGD	Ms. FEDOROVA, Daria
10:15	[58] Test of the GENIE neutrino event generator against reduced cross sections extracted from $^{16}\text{O}(\text{e}, \text{e}'\text{p})$ data	LUCHUK, Stanislav
10:30	[75] On estimates of the masses and mixing parameters of active and sterile neutrinos	Dr. KHRUSCHOV, Viacheslav
10:45	[244] Radiative corrections and effects of new physics in deep inelastic neutrino scattering	Ms. KOVALEVSKAIA, Elena

Neutrino physics: Reactor neutrino (15:50-17:20)

time	[id] title	presenter
15:50	[234] Observing of reactor antineutrino signal in the TAO detector	RUDAKOV, Peter
16:05	[197] Results from the stage one of the DANSS experiment	SKROBOVA, Nataliya
16:20	[15] DANSS detector upgrade for better energy resolution	Dr. SVIRIDA, Dmitry
16:35	[107] Study of Reactor Antineutrino Spectral Characteristics and Fuel Evolution of a VVER-1000 Reactor with the iDREAM Detector at the Kalinin Nuclear Power Plant	ZHUTIKOV, Ivan
16:50	[31] Accurate antineutrino spectra from fission fragments of ^{235}U , ^{238}U , ^{239}Pu , ^{241}Pu	Dr. SINEV, Valery
17:05	[152] Effect of MOX Fuel Loading on the Antineutrino Emission of the BN-800 Fast Reactor	VAKULENKO, Valerie

Thursday 29 October 2026

Neutrino physics: Coherent neutrino scattering, electromagnetic properties, etc. (16:20-18:25)

time	[id] title	presenter
16:20	[27] COHERENT status and results	Dr. BELOV, Vladimir
16:35	[426] Current Status and Future Prospects of PandaX	WANG, Wei
16:50	[353] Current status of the ν GeN experiment aimed at studying properties of reactor antineutrinos.	PONOMAREV, Dmitrii
17:05	[140] Search for antineutrino capture on ^{72}Ge nuclei with ^{72}mGa in the final state	Mr. SAUTNER, Daniil
17:20	[253] Overview on Neutrino Electromagnetic Properties and SATURNE Project on Coherent Elastic Neutrino-Atom Scattering	Prof. STUDENIKIN, Alexander
17:40	[322] $\text{CE}\nu\text{AS}$ processes in He-II: Beyond the model of ideal BEC	Prof. KOUZAKOV, Konstantin
17:55	[77] Precision studies of neutron decay and the left-right asymmetric model of weak interaction	Prof. SEREBROV, Anatolii
18:10	[425] Baryon and lepton asymmetry of the Universe in the left-right asymmetric model of weak interaction	SEREBROV, Anatolii