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The 8th international conference on particle physics and astrophysics

Tuesday 27 October 2026

Plenary talks - Conference Hall 2 (11:30-13:45)

-Conveners: Alexander Vasiliev

time	[id] title	presenter
11:30	[118] Status and perspectives of the MPD experiment at NICA	TARANENKO, Arkadiy
12:00	[22] The BM@N experiment at NICA: status, upgrades, and recent physical results	KOLESNIKOV, Vadim
12:30	[257] The Spin Physics Detector (SPD) at the NICA Collider: Status and Outlooks	Prof. KIM, Victor
13:00	[281] Study of rotating quark-gluon plasma within lattice simulation	BRAGUTA, Victor
13:30	[424] General sponsor presentation - Azimut photonics	TIMOSHIN, Vyacheslav

Plenary talks - Conference Hall 2 (15:00-17:30)

-Conveners: Victor Kim

time	[id] title	presenter
15:00	[51] Searching for New Physics in fixed-target experiments	SLABOSPITSKY, Sergey
15:30	[228] Development of the low-energy nuclear physics in Russia and project of the Universal Compton Radiation Source	GRIGORENKO, Leonid
16:00	[414] Semiconductor X-ray imaging detectors	SHELKOV, Georgy
16:30	[411] Direct dark matter searches with argon detectors	PANDOLA, Luciano
17:00	[410] Inflation from Fermion Condensation: Dynamics and Observational Signatures	Prof. MARCIANO, Antonino

Wednesday 28 October 2026

Plenary talks (11:30-13:00)

-Conveners: Mikhail Danilov

time	[id] title	presenter
11:30	[420] Review and Status of Neutrino Physics Focusing on their Fundamental Properties: Mixing/CP angles, Mass, and Type	PAOLONE, Vittorio
12:00	[283] Latest Results of the JUNO experiment	Prof. HU, Bei-Zhen
12:30	[352] Neutrino properties from short baseline reactor experiments	Dr. ALEKSEEV, Igor

Plenary talks (14:00-15:30)

-Conveners: Arkadiy Taranenko

time	[id] title	presenter
14:00	[418] Recent results from STAR experiment	QINGHUA, Xu
14:30	[14] Recent results of the LHC experiments on heavy ion physics	PETRUSHANKO, Sergey
15:00	[416] Physics Opportunities at the High Intensity Heavy-ion Accelerator Facility (HIAF)	Dr. WANG, Meng

Thursday 29 October 2026

Plenary talks (11:30-13:30)

-Conveners: Alexander Kirillov

time	[id] title	presenter
11:30	[417] Effective theories of the extensions of the standard model and new physics manifestations	Prof. BOOS, Eduard
12:00	[415] Search for Ultralight Dark Matter and Gravitational Wave in the Geomagnetic Field	WU, Lei
12:30	[248] Primordial Black Holes and antimatter in the universe and Milky Way	DOLGOV, Alexander
13:00	[413] Bayesian Analysis and Hubble Tension in Bulk Viscous Cosmological Model in $f(R, L_m)$ Gravity	RAY, Saibal

Plenary talks (14:30-16:00)

-Conveners: Mikhail Skorokhvatov

time	[id] title	presenter
14:30	[408] Sterile neutrino dark matter	Prof. GORBUNOV, Dmitry
15:00	[419] Neutrino Telescopes: Principles, Results, and Prospects	NAUMOV, Dmitry
15:30	[412] Small Satellites — Big Science: A Review of Astrophysical and Cosmophysical Experiments on CubeSats and Microsatellites	MAYOROV, Andrey

Friday 30 October 2026

Plenary talks (14:30-16:30)

-Conveners: Evgeny Soldatov		
time	[id] title	presenter
14:30	[115] Highlights of physics results from ATLAS and CMS	LYUBUSHKINA, Tatiana
15:00	[423] Heavy flavor physics	Prof. BONDAR, A.
15:30	[286] Physics program of future e+e- colliders	■■■■■■■■, ■■■■■■■■
16:00	[405] Elastic cross section measurement and the discovery of the odderon by the D0 and TOTEM collaborations	ROYON, Christophe