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The 8th international conference on particle physics and astrophysics

Wednesday 28 October 2026

Heavy ion physics: Session 1 - Conference Hall 2 (09:00-11:00)

-Conveners: Victor Riabov

time	[id] title	presenter
09:00	[12] Neutral pion elliptic flow in p+Au, He+Au and p+Al collisions at 200 GeV	KOMAROVA, Snezhana
09:15	[346] Centrality Selection Effect on directed flow of protons in Xe+Cs(I) collisions at the beam energy of 3.8A GeV	DEMANOV, Alexander
09:30	[117] Directed flow of protons and deuterons in 3.8A GeV Xe+Cs(I) collisions at the BM@N experiment	TROSHIN, Valery
09:45	[318] Directed and Elliptic flow measurements in the BM@N experiment with highly non-uniform azimuthal acceptance	MAMAEV, Mikhail
10:00	[144] Investigation of spectator-driven effects on anisotropic flow formation at the NICA energy range	BIKMETOV, Nikita
10:15	[129] The study of charged hadron distributions in relativistic heavy-ion collisions using holographic thermodynamics	ANUFRIEV, Anton
10:30	[119] Performance for inclusive photon and neutral meson spectra and anisotropic flow measurements with the MPD experiment at NICA	GOLOSOV, Oleg
10:45	[194] Higher-harmonic proton flow and differential $v_{\{1\}}$, $v_{\{2\}}$ measurements in the fixed-target mode of the MPD Experiment at NICA	PARFENOV, Peter

Heavy ion physics: Session 2 - Conference Hall 2 (15:50-17:20)

-Conveners: Mikhail Mamaev

time	[id] title	presenter
15:50	[98] Prospects for MPD operation at NICA in the fixed-target mode.	RIABOV, Victor
16:05	[121] Bose-Einstein correlations of identical charged kaons in p–Pb and Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV by ALICE at the LHC	MIKHAYLOV, Konstantin
16:20	[259] Two-Pion and Two-Kaon Femtoscopic Correlations in Au+Au Collisions at $\sqrt{s_{NN}} = 14.6$ and 19.6 GeV from EPOS4	ALPATOV, Egor POVAROV, Alexey
16:35	[315] Influence of Gaussian and non-Gaussian elementary sources on high-order multiplicity cumulants in a toy model of relativistic nucleus-nucleus collisions	Mr. ZARSHCHIKOV, Alexandr
16:50	[289] Higher-order strongly intensive observables for forward–backward multiplicity fluctuations	ANDRONOV, Evgeny
17:05	[262] Anisotropic flow of charged hadrons in O+O collisions at $\sqrt{s_{NN}} = 6$ GeV in the UrQMD model.	MOROZOV, Maxim

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Heavy ion physics: Session 3 - Conference Hall 4 (16:20-18:50)

time	[id] title	presenter
16:20	[38] MPD potential for resonance property measurements in Xe+W collisions at 2.5A GeV at NICA	IVANISHCHEV, Dmitry
16:35	[137] Fragmentation of isospin-symmetric ^{20}Ne at the LHC: a challenge and an opportunity	Prof. PSHENICHNOV, Igor
16:50	[157] Asymmetric fission in heavy ion collisions	KULIKOVSKAYA, Anna
17:05	[96] FEATURES OF THE NON-EQUILIBRIUM QUANTUM HYDRODYNAMIC APPROACH FOR DESCRIBING THE EMISSION OF SECONDARY PARTICLES IN COLLISIONS OF HEAVY IONS OF HIGH AND INTERMEDIATE ENERGIES	Prof. DYACHENKO, Alexander
17:20	[158] Light hadron spectra analysis for Xe+W collisions at $E_{\text{kin}} = 2.5$ GeV in the MPD experiment	KOLOMOYETS, Natalia
17:35	[301] Hadron transverse momentum spectra in O+O, Kr+Kr, and Xe+Xe collisions at $\sqrt{s_{\text{NN}}} = 6$ GeV using the UrQMD and SMASH models within Tsallis statistics	VASILIEVA, Anastasiia
17:50	[195] String melting scenario of hadron production and fractal SePaC-analysis of AMPT AuAu events at energy 200 GeV	DEDOVICH, Tatiana
18:05	[364] Comparison of LHC results with the predictions of the Modified Glauber Model: centrality dependence of total charged-particle yields in O+O and Ne+Ne collisions	Ms. SIMAK, Svetlana
18:20	[372] Excitation Functions of Strange-Particle Production in Central Heavy-Ion Collisions from RHIC to LHC: Particle Yields, mean $\langle p_T \rangle$ and Transverse Energy Density ratios	SHAPOSHNIKOVA, Olga
18:35	[266] Measurement of e^+e^- pairs in the MPD Experiment at NICA Complex	RODE, Sudhir Pandurang