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The 7th international conference on particle physics and astrophysics

Thursday 24 October 2024

Heavy Ion - Moskvorechye 2 (17:00-19:05)

-Conveners: Viktor Kireyeu

time	[id] title	presenter
17:00	[313] Multiplicity-dependent properties of multiparticle production at high energy in extended multipomeron exchange model	KOVALENKO, Vladimir
17:15	[118] On fragment spectra, Hubble law and polarization of emitted secondary particles in a hydrodynamic model for describing high-energy heavy ion collisions	DYACHENKO, Alexander
17:35	[220] Direct Photon Production and Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV	KUSKOV, Vladislav
17:50	[181] Self-similarity and Cumulative Hadron Production in Heavy Ion Collisions at High Energies	Prof. TOKAREV, Mikhail
18:05	[159] Phase diagram of two and three color QCD with various imbalances	ZHOKHOV, Roman
18:20	[127] Collective effects in string models: machine learning perspective	ANDRONOV, Evgeny
18:35	[96] Methods for centrality determination of Xe+Cs(l) collisions at $E_{kin}=3.8$ A GeV at BM@N	DEMANOV, Alexander

Friday 25 October 2024

Heavy Ion - Petrovskiy 1 (09:00-11:00)

-Conveners: Alexey Aparin

time	[id] title	presenter
09:00	[231] CALCULATING AZIMUTHAL FLOWS IN PB–PB AND XE–XE COLLISIONS WITH THE HYDJET++ MONTE CARLO GENERATOR AT THE LHC ENERGIES	MYAGKOV, Danila
09:15	[282] Study of the beam energy dependence of anisotropic flow using the scaling relations.	Mr. TARANENKO, Arkadiy
09:30	[172] Elliptic flow of π^0 in $^3\text{He}+\text{Au}$ and $\text{U}+\text{U}$ collisions	BANNIKOV, Egor
09:45	[168] $K^*(892)$ meson production in $\text{Au}+\text{Au}$ at $\sqrt{s_{\text{NN}}} = 200$ GeV	Mr. ANTSUPOV, Sergei
10:00	[158] Study of $\phi(1020)$, $\rho(770)$ and $K^*(892)$ resonance production in $\text{Bi}+\text{Bi}$ collisions at $\sqrt{s_{\text{NN}}} = 9.2$ GeV in the MPD detector at NICA collider	IVANISHCHEV, Dmitry
10:15	[115] Performance for anisotropic flow measurement of inclusive photons and neutral pions in $\text{Bi}+\text{Bi}$ collisions at 9.2 GeV with the MPD experiment	GOLOSOV, Oleg
10:30	[92] Study of proton and light nuclei production in Ar -nucleus collisions in the BM@N experiment at NICA	KOLESNIKOV, Vadim
10:45	[89] The first results for directed flow of protons in $\text{Xe}+\text{Cs}$ collisions at $E_{\text{kin}}=3.8\text{A}$ GeV in the BM@N experiment	MAMAEV, Mikhail

Heavy Ion - Petrovskiy 1 (11:30-13:30)

-Conveners: Vadim Kolesnikov

time	[id] title	presenter
11:30	[80] Estimation of the isotopic spin influence on femtosopic correlations of identical pions in $\text{Au}+\text{Au}$ collisions in the UrQMD model	Ms. KRAEVA, Anna
11:45	[218] Magnetic and vortical impacts on the effective QCD phase diagram	HERNANDEZ, Luis
12:05	[109] Global polarization of Ξ hyperons in $\text{Au}+\text{Au}$ collisions in the STAR experiment	ALPATOV, Egor
12:25	[253] Probing the nuclear matter equation of state with light nuclei	KIREYEU, Viktor
12:40	[79] Modeling of alignment phenomenon in relativistic heavy ion collisions	Mr. NIKOLSKII, Aleksei
12:55	[18] Modeling of charge particle correlations in nucleus-nucleus interactions at NICA and RHIC energies	CHERNYSHOV, Aleksei
13:10	[85] Anisotropic flow measurements of Λ hyperons: performance study for MPD and BM@N experiments at NICA energies.	TROSHIN, Valerii