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The 6th international conference on particle physics and astrophysics

Thursday 01 December 2022

Heavy Ion Physics: Session 1 - Petrovskiy 2 (17:30-20:00)

-Conveners: Igor Pshenichnov

time	[id] title	presenter
17:30	[42] NON-EQUILIBRIUM HYDRODYNAMIC APPROACH AND EMISSION OF HIGH-ENERGY SECONDARY PARTICLES IN COLLISIONS OF HEAVY IONS OF INTERMEDIATE ENERGIES	Prof. D'YACHENKO, Alexander
17:45	[143] Bose–Einstein correlations of charged pions in Au+Au collisions at $\sqrt{s_{NN}} = 3$ GeV from UrQMD	Ms. KRAEVA, Anna
18:00	[117] Clustering in oxygen nuclei and spectator fragments in O–O collisions at the LHC	SVETLICHNYI, Aleksandr
18:15	[62] Forward neutrons from electromagnetic dissociation of ^{208}Pb at the LHC	Ms. DMITRIEVA, Uliana
18:30	[161] Recent results with HYDJET++ model for heavy-ion collisions	EYYUBOVA, Gyulnara
18:45	[63] Anomaly of Entropy of Nuclear Medium Probed by K_S^0 Mesons Produced in Au+Au Collisions at RHIC	Prof. TOKAREV, Mikhail
19:00	[338] Hydrodynamic helicity, axial anomaly and polarization	TERYAEV, Oleg
19:15	[236] Experiment-independent framework for femtosopic analysis	KUZINA, Ekaterina
19:30	[249] Monte-Carlo based investigation of long-range correlations and fluctuations at the Large Hadron Collider energies	Mr. DANISH F., Meer
19:45	[352] Evolution and fluctuations of chiral chemical potential in the heavy ion collisions	KOVALENKO, Vladimir

Friday 02 December 2022

Heavy Ion Physics: HI Session 2 - Petrovskiy 1 (10:30-13:00)

-Conveners: Victor Riabov

time	[id] title	presenter
10:30	[93] FEASIBILITY STUDY OF HYPERNUCLEI PRODUCTION AT NICA/MPD	KOLESNIKOV, Vadim
10:45	[135] Light-nuclei production in heavy-ion collisions at $\sqrt{s_{\text{NN}}} = 6.4\text{--}19.6$ GeV in THESEUS generator based on 3-fluid dynamics	KOZHEVNIKOVA, Marina
11:00	[176] Photons as a signal of deconfinement in hadronic matter under extreme conditions	NIKOLSKII, Aleksei
11:15	[181] Exploring experimental heavy-ion centrality dependence of particle production in MC Glauber model	AMBARYAN, Garnik
11:30	[235] Anisotropic flow measurements from the NA61/SHINE and NA49 beam momentum scan programs at the CERN SPS	GOLOSOV, Oleg KASHIRIN, Evgeny
11:45	[98] DEUTERON ANALYZING POWERS A_y , A_{yy} AND A_{xx} IN dp- ELASTIC SCATTERING OBTAINED AT JINR-NUCLOTRON	LADYGIN, Vladimir LADYGINA, Nadezhda
12:00	[271] Study of two particles correlations in heavy ion collisions at NICA energies	Dr. ROGACHEVSKY, Oleg
12:15	[343] Midrapidity cluster formation within PHQMD approach	KIREYEU, Viktor
12:30	[198] Methods for centrality determination in heavy-ion collisions with the BM@N experiment	SEGAL, Ilya
12:45	[204] Recent heavy-ion results by CMS experiment	PETRUSHANKO, Sergey

Heavy Ion Physics: HI Session 3 - Petrovskiy 1 (17:45-20:00)

-Conveners: Grigory Nigmatkulov; Dmitry Blau

time	[id] title	presenter
17:45	[89] Neutral meson measurements at ALICE experiment	Mr. KUSKOV, Vladislav
18:00	[107] Describing ϕ meson production in small collision systems with nuclear modified parton distribution functions	Mrs. MITRANKOVA, Mariia
18:15	[136] Prospects for the study of the hot QCD matter with heavy-flavor probes at ALICE-3 (HL-LHC)	MALAEV, Mikhail
18:30	[140] Recent Results from the PHENIX Experiment	LARIONOVA, Daria
18:45	[144] Study of the second order azimuthal anisotropy for π^0 mesons in Cu+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV	BANNIKOV, Egor
19:00	[156] Prospects for the measurement of electromagnetic probes in heavy-ion collisions at NICA energies	RIABOV, Victor
19:15	[289] Using Machine Learning for Particle Identification in MPD	TOLKACHEV, Grigorii
19:30	[314] Investigation of the correlation between mean transverse momentum and anisotropic flow at NICA energy range	IDRISOV, Dim
19:45	[331] Searching for the baryon-to-meson transition region with the MPD at NICA	GUZMÁN CASTRO, Rodrigo