

LXXIV International conference Nucleus-2024: Fundamental problems and applications

Tuesday, 2 July 2024

Heavy ion collisions at Intermediate and high energies - Conference Hall (09:30 - 11:30)

time	[id] title	presenter
09:30	[86] DOUBLE POLARIZED DEUTERON-DEUTERON SCATTERING AND TEST OF T-INVARIANCE	UZIKOV, Yury
09:50	[101] Splitting effect of light nuclei momentum distributions at fragmentation of iron ions with energy of 230 MeV/nucleon.	MARTEMIANOV, M. A.
10:10	[21] Study of correlations of charged particles in Xe+W interactions at an energy of 3.0 GeV/nucleon.	LEGOSTAEVA, Ksenia
10:30	[153] Дибарионы: поиск и теоретические оценки	DOROSHKOVICH, Eugene
10:50	[268] Fragmentation features of Be, B, C nuclei in nuclear track emulsions	ARTEMENKOV, Denis
11:10	[68] Production of protons, deuterons, tritons in argon-nucleus interactions at 3.2 AGeV	Mr KOVACHEV, Lalyo

Heavy ion collisions at Intermediate and high energies - Conference Hall (12:00 - 14:00)

time	[id] title	presenter
12:00	[47] The Hyperon Polarization and the Forward-Backward Flow in the Bi+Bi collisions at NICA	TSEGELNIK, Nikita
12:20	[73] Search for unstable nuclear states in the fragmentation of Kr nuclei at 950 MeV/nucleon	ZAITSEV, Andrei
12:40	[89] Electromagnetic dissociation of nuclei: from LHC to NICA	PSHENICHNOV, Igor
13:00	[50] EMISSION OF CUMULATIVE SECONDARY PARTICLES AND FRAGMENTS IN COLLISIONS OF HEAVY IONS OF INTERMEDIATE ENERGIES BASED ON NON-EQUILIBRIUM HYDRODYNAMIC APPROACH	D'YACHENKO, Alexander

Heavy ion collisions at Intermediate and high energies - Conference Hall (15:00 - 17:00)

time	[id] title	presenter
15:00	[95] Analysis of nuclear track emulsion exposed by relativistic hadrons	Dr NATARAJAN, MARIMUTHU
15:15	[133] Performance study of the anisotropic flow measurements with fixed-target mode of the MPD experiment at NICA	PARFENOV, Peter
15:35	[139] Cumulative production at central rapidities due to interactions involving fluctons	VECHERNIN, Vladimir
15:55	[104] Measurement of neutron energy spectra in the region of large angles in Xe + CsI collisions at energy of 3.8 A GeV	LASHMANOV, Nikita
16:10	[275] Cold Superdense Baryonic Component of Nuclear Matter	SHIMANSKIY, Stepan

16:25	[147] Event-by-event determination of thermodynamic quantities at NICA energies	KOVALENKO, Vladimir
16:45	[173] Self-similarity approach in relativistic nuclear physics	BALDINA, Elina

Heavy ion collisions at Intermediate and high energies - Conference Hall (17:30 - 19:15)

time	[id] title	presenter
17:30	[151] Charged fragments-spectators measurements with Scintillation Wall in the BM@N experiment Xe+Csl@3.8 AGeV	MAMAEV, Mikhail
17:50	[156] Peeling away surface neutrons from ^{209}Bi in asymmetric collisions	SVETLICHNYI, Aleksandr
18:10	[142] Reconstruction of strange particle decays from Xe+Csl interactions with the BM@N spectrometer	ZINCHENKO, Alexander
18:25	[174] Lobachevsky geometry in relativistic nuclear physics. Directed nuclear radiation	Dr BALDIN, Anton
18:40	[250] Anisotropic Collective Flow at High Baryon Density	ТАРАХЕНКО, Аркадий
19:00	[252] Recent PHENIX results on identified charged hadron production	LARIONOVA, Daria

Wednesday, 3 July 2024

Heavy ion collisions at Intermediate and high energies - Conference Hall (09:30 - 11:30)

time	[id] title	presenter
09:30	[274] Is there diffraction dissociation of nuclear nucleons in nucleus-nucleus interactions	УЖИНСКИЙ, Владимир
09:50	[279] Status and preparations for the first physics with the MPD experiment at NICA	GOLOSOV, Oleg
10:10	[292] Towards understanding of K^0_s meson production in hadronic interactions	GALOYAN, Aida
10:30	[54] The MPD-ITS project. Status and Perspectives.	Dr CEBALLOS SANCHEZ, Cesar
10:50	[181] Feasibility study for directed flow measurements in the BM@N experiment	MAMAEV, Mikhail
11:00	[350] VARIATION OF THE SOURCE VELOCITY IN COLLISIONS OF 2.1 GeV PROTONS WITH GOLD TARGET	АВДЕЕВ, Сергей
11:10	[11] Unstable nuclei 8Be and 9B and the Hoyle state in relativistic nuclear fragmentation	ZARUBIN, Pavel

Heavy ion collisions at Intermediate and high energies - Conference Hall (12:00 - 14:00)

time	[id] title	presenter
12:00	[24] NEGATIVE PION PHOTOPRODUCTION ON THE TENSOR-POLARIZED DEUTERON AT VEPP-3	Dr GAUZSHTEIN, V.V.
12:20	[263] Photodisintegration of polarized deuteron. Status of the experiment at the VEPP-3 storage ring.	SHESTAKOV, Yuri
12:40	[16] Relativistic equation for four-nucleon system	YUREV, Sergey
12:55	[125] Covariance and noncovariance of relativistic spin equations	SILENKO, Alexander
13:10	[239] О проблеме происхождения массы нуклона	KOMAROV, Vladimir
13:25	[87] Создание теоретической базы данных сечений редких ядерных процессов, рассчитанных в модели ядерных реакций кваркового уровня CHIPS	KOSOV, Mikhail
13:40	[361] Dualities in heavy-ion collisions	TERYAEV, Oleg
13:50	[230] Magnetic moment and polarizability of the vector strange mesons from lattice QCD	Prof. TERYAEV, Oleg