

XXV International Baldin Seminar on High Energy Physics Problems "Relativistic Nuclear Physics and Quantum Chromodynamics"

Monday, 18 September 2023

Plenary - Conference Hall (10:00 - 11:35)

-Conveners: Serge Bondarenko

time	[id] title	presenter
10:00	[167] Opening	Prof. TRUBNIKOV, Grigory
10:15	[93] Experimental research at the JINR Synchrotron (on the occasion of the 70th anniversary of the V.I. Veksler and A.M. Baldin Laboratory for High Energy Physics)	ZARUBIN, Pavel
10:55	[34] 30th anniversary of the Nuclotron	MALAKHOV, Aleksandr

Plenary: Memorial session dedicated to Professor V.V. Burov - Conference Hall (12:10 - 13:10)

-Conveners: Aleksandr Malakhov

time	[id] title	presenter
12:10	[168] V.V.Burov and Baldin Conference	KONOPLEVA, Nelly
12:30	[169] From "FLUCTUATIONS" to multi-quark states in the nuclear matter	SHIMANSKIY, Stepan
12:50	[170] Prof. V.V. Burov and relativistic few-body problem	BONDARENKO, Serge

Plenary - Conference Hall (14:30 - 15:50)

time	[id] title	presenter
14:30	[123] Neutrino physics: new results and prospects	KUDENKO, Yury
15:10	[33] Investigation of Relativistic Nuclear Collisions in the Four-velocity Space	MALAKHOV, Aleksandr

Plenary - Conference Hall (16:00 - 18:00)

time	[id] title	presenter
16:00	[11] Neutron stars and black holes as laboratories of fundamental physics	ZAKHAROV, Alexander
16:40	[5] Recent Results from the CMD-3 detector at the VEPP-2000 e+e- Collider	LUKIN, Peter
17:20	[138] Σ hyperons production in pp and p-Pb collisions at LHC with ALICE	Prof. BORISSOV, Alexander

Tuesday, 19 September 2023

Plenary - Conference Hall (09:00 - 10:30)

time	[id] title	presenter
09:00	[126] Status and first physics capabilities of the MPD at NICA	Dr RIABOV, Viktor
09:30	[171] On manifestation of conformal symmetry and of its violation in perturbative QCD expressions	KATAEV, Andrei
10:00	[134] Hydro-gravity duality and limit of vanishing Newtonian constant	ZAKHAROV, Valentin

Plenary - Conference Hall (10:50 - 12:50)

time	[id] title	presenter
10:50	[121] STAR experiment results from BES program	KOROBITSIN, Artem
11:20	[45] Anisotropic collective flow measurements from LHC to SIS	TARANENKO, Arkadiy
11:50	[130] On GPDs of spin-3/2 particles and electromagnetic and gravitational form factors	DONG, Yubing
12:10	[85] Status of the Short-Range Correlation program at JINR	Dr PATSYUK, Maria

Saturday, 23 September 2023

Plenary - Conference Hall (09:00 - 11:50)

time	[id] title	presenter
09:00	[27] Overview of unstable states studies in fragmentation of relativistic nuclei	ZAITSEV, Andrei
09:40	[146] From cumulative processes to cold superdense baryon matter	SHIMANSKIY, Stepan
10:20	[188] Studies of the nucleons structure using the SIDIS azimuthal angle asymmetries calculated with modified double ratios of numbers of the hadrons	Dr KOUZNETSOV, Oleg
10:40	[125] Influence of relativistic rotation on QCD properties	BRAGUTA, Victor
11:20	[184] Closing	MALAKHOV, Aleksandr