



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

## Friday, 22 September 2023

**Parallel: Dynamics of multiparticle production: Session II - Blokhintsev auditorium (14:30 - 16:10)**

time	[id] title	presenter
14:30	[182] Basic concepts of relativistic nuclear physics formulated by A.M.Baldin and their development as applied to the acceleration complex NICA	BALDIN, Anton
14:50	[183] Self-similarity approach in relativistic physics	BALDINA, Elina
15:10	[23] On a signature of phase transition in heavy ion nuclear matter	TOKAREV, Mikhail
15:30	[24] Search for Fractal Structures in Monte – Carlo AuAu Events at Energy $\sqrt{s_{NN}} = 200$ GeV by SePaC Method	DEDOVICH, Tatiana
15:50	[63] Observation of structures at $\sqrt{s} = 17$ and $\sqrt{s} = 38$ MeV/c <sup>2</sup> in the $\gamma\gamma$ invariant mass spectra in pC, dC, and dCu collisions at plab of a few GeV/c per nucleon	ABRAAMYAN, Khachik

**Parallel: Dynamics of multiparticle production: Session II - Blokhintsev auditorium (16:30 - 18:10)**

time	[id] title	presenter
16:30	[73] Cumulative production at central rapidities and large transverse momenta at NICA	VECHERNIN, Vladimir
16:50	[122] Radiation Accompanying the Schwinger Effect in the Graphene	SMOLYANSKY, Stanislav
17:10	[37] EMISSION OF CUMULATIVE PROTONS, PIONS, KAONS AND ANTIPROTONS IN COLLISIONS OF HEAVY IONS OF INTERMEDIATE ENERGIES BASED ON THE NON-EQUILIBRIUM HYDRODYNAMIC APPROACH	D'YACHENKO, Alexander
17:30	[79] STUDY OF THE REACTION $N \rightarrow N \pi^+ \pi^-$ AT THE MOMENTUM OF INCIDENT NEUTRON $P_0 > 3$ GEV/c.	JERUSALIMOV, Alexander
17:50	[140] Semi-Inclusive Distributions and Statistical Potentials	MAKHALDIANI, Nugzar