

XI Conference of Young Scientists "Problems of Theoretical Physics"

Monday 21 December 2020

Physics of Nuclei and Elementary Particles (10:05-13:30)

time	[id] title	presenter
10:05	[51] The equation of state of hot dense qcd- matter, gravitational waves and collective flows	Prof. STÖCKER, Horst
10:50	[14] Connecting fluctuation measurements in heavy ion collisions and grand canonical susceptibilities: global conservation effects	POBEREZHNYYUK, Roman
11:10	[13] Equation of State at Finite Baryon Density and External Magnetic Field from Lattice QCD	KOLOMOYETS, Natalia
11:30	[15] Bose-Einstein condensation phenomenology in systems with repulsive interactions	Mr SAVCHUK, Oleh
11:50	Coffee break	
12:10	[29] Revisiting the Polyakov loop Nambu-Jona-Lasonio model at finite density of baryon charge	IVANYTSKYI, Oleksii
12:30	[9] Femtoscopic analysis of relativistic heavy-ion collisions in the hydrokinetic approach	ADZHYMAMBETOV, Musfer
12:50	[21] Production of HNL in 3-body decays of mesons. Comparison with PYTHIA approach	BORYSENKOVA, Yulia
13:10	[20] Phenomenology of GeV-scale Chern-Simons boson	TSARENKOVA, Mariia

Tuesday 22 December 2020

Physics of Nuclei and Elementary Particles (14:30-15:50)

time	[id] title	presenter
14:30	[4] Lambda spin polarization in QGP.	SINGH, Rajeev
14:50	[26] Dualities in QCD phase diagram	Dr ZHOKHOV, Roman
15:10	[32] Dark Matter Polarization Operator in the Generalized Yukawa Model	DMYTRIIEV, Mykyta
15:30	[31] S-Matrix unitarity and Pomeron shadowing corrections	TERSIMONOV, Georgy