



# XII Conference of Young Scientists "Problems of Theoretical Physics"

## Wednesday 22 December 2021

### Physics of Nuclei and Elementary Particles (13:30-15:50)

time	[id] title	presenter
13:30	[5] Relativistic density functional approach to a unified description of quark-hadron matter	IVANYTSKYI, Oleksii
13:50	[17] Influence of cluster polarization on spectrum and elastic processes in $^6\text{Li}$	Mr KALZHIGITOV, Nursultan
14:10	[19] Phase diagram of interacting pion matter and isospin charge fluctuations	POBEREZHNYUK, Roman
14:30	[11] Constraining baryon annihilation in the hadronic phase of heavy-ion collisions via event-by-event fluctuations	SAVCHUK, Oleh
14:50	[10] Critical point and Bose-Einstein condensation in pion matter	KUZNIETSOV, Vladimir
15:10	[22] The estimation of pion and kaon maximal emission times in $\sqrt{s} = 5.02$ TeV collisions at the LHC	Dr SHAPOVAL, Volodymyr
15:30	[2] First results of iHKM at RHIC BES energies: measuring shear viscosity of QGP	ADZHYMAMBETOV, Musfer