The XXVI International Scientific Conference of Young Scientists and Specialists (AYSS-2022)

Tuesday, 25 October 2022

Theoretical Physics - Conference hall (14:00 - 16:00)

time	[id] title	presenter
14:00	[1018] Photons production in heavy ion collisions as a signal of deconfinement phase	NIKOLSKII, Aleksei
14:15	[983] SU(3) Dual QCD Thermodynamics at Finite Temperature and Chemical Potential	Prof. PUNETHA, Garima
14:30	[1120] Thermal phase transition in rotating QCD with Nf = 2 clover-improved Wilson fermions	Dr ROENKO, Artem
14:45	[1163] Influence of relativistic rotation on the equation of state of gluodynamics	SYCHEV, Dmitrii
15:00	[1009] On explicit cutoff regularization	Dr IVANOV, Aleksandr
	[1080] pp scattering at the LHC with the lepton pair production and one proton tagging	KARKARYAN, Evgeny
15:45	[1073] Worldsheet of a continuous helicity particle	RETUNTSEV, Ivan

Theoretical Physics - Conference hall (16:20 - 17:35)

time	[id] title	presenter
16:20	[1086] Impact of non-universal Z' to the B-> Kvv decays	MUKHAEVA, Alfiia
	[1118] Frobenius solution for non-polylogarithmic Feynman integrals and hypergeometry expansion	BEZUGLOV, Maxim
16:50	[1119] Theoretical analysis of rare decay \$B^+ \to \pi^+ \tau^+ \tau^-\$	PARNOVA, Irina
17:05	[1021] Parton distribution functions of positron in electron in QED	VOZNAYA, Uliana
17:20	[1054] Directly computing reduced density matrices with influence functionals	KÄDING, Christian

Wednesday, 26 October 2022

Theoretical Physics - R2 (310) (14:00 - 16:00)

time	[id] title	presenter
	[1007] Evolution of the phenomenologically determined collective potential along the chain of Zr isotopes	MARDYBAN, Evgenii
14:15	[1071] Individual dipole toroidal states in 58Ni	VISHNEVSKIY, Petr
14:30	[1150] Behavior of moment of inertia in highly deformed 24Mg and 20Ne	MARDYBAN, Mariia
	[1066] Resonance phenomena in nanomagnet + Josephson junction system under external periodic drive	KULIKOV, Kirill
	[1069] Manifestation of Devil's staircase and Negative Differential Resistance in the IV- Characteristics of φ 0 Josephson Junction	Dr NASHAAT, M.
15:15	[1100] Ultracold rotating molecules inside the Rydberg atom	ADAMYAN, Grigor
	[976] Energy-dependent flavor ratios, cascade/track spectrum tension and high-energy neutrinos from magnetospheres of supermassive black holes	RIABTSEV, Kirill
15:45	[977] Skyrme-like Λ hyperonic interactions and neutron stars properties	Mr MIKHEEV, Semyon

Theoretical Physics - R2 (310) (16:20 - 17:35)

time	[id] title	presenter
16:20	[1149] Molecular orientation by two-color laser fields	Dr KOVAL, Eugene
	[1082] E-models of inflation towards describing formation of primordial black holes	FROLOVSKY, Daniel
16:50	[1078] On 4 Dimensional Exceptional Drinfel'd Algebras	KUMAR, Sameer
17:05	[1000] Flows of geometric parameters of Sasaki-Einstein manifolds Yp,q and Lp,q,r through isomonodromy	AVRAMOV, Vasil
17:20	[1032] THE DEUTERON CHARGE RADIUS \$R_C\$ IN THE FRAMEWORK OF THE HARD-WALL ADS/QCD MODEL	HUSEYNOVA, Narmin