

The XXII International Scientific Conference of Young Scientists and Specialists (AYSS-2018)

Monday, 23 April 2018

Oral session: Theoretical Physics: Section 1, Part 1 - Conference Hall, 2nd floor (14:30 - 16:15)

time	[id] title	presenter
14:30	[606] Tunneling of Two Interacting Fermions	Mr ISHMUKHAMEDOV, Ilyas
14:45	[607] Annihilation and bremsstrahlung channels in kinetics of the electron-positron plasma created from vacuum in a strong electric field	Mr PIROGOV, Stanislav
15:00	[608] Binding energies of the system of two dipoles in two dimensions	Mr KOVAL, Eugene
15:15	[609] Magnetization reversal by the pulse of external magnetic field in rf-SQUID with Φ_0 Josephson junction	Dr RAHMONOV, Ilhom
15:30	[610] Reception of modulated neutrino day-night effect signal by neutrino detectors	Dr KHARLANOV, Oleg
15:45	[611] Instabilities of collective neutrino oscillations induced by non-standard neutrino interactions	SHUSTOV, Pavel

Oral session: Theoretical Physics: Section 1, Part 2 - Conference Hall, 2nd floor (16:45 - 18:30)

time	[id] title	presenter
16:45	[614] Gauged merons	SAMOILENKA, Albert
17:00	[616] Estimating the radiative part of QED-effects in systems with supercritical charge	Mr ROENKO, Artem
17:15	[619] Effective description of Collective modes in the hot QCD/QGP medium in the presence of collisions	Mr JAMAL, Mohammad Yousuf
17:30	[620] Effective Potential Formalism at Finite Temperature in Dual QCD and Deconfinement Phase Transition	Ms PUNETHA, Garima
17:45	[615] Non-Markovian dynamics of fermionic and bosonic systems coupled to several heat-baths	Mr HOVHANNISYAN, Arshak
18:00	[617] Two-Point One Loop Fermionic Amplitudes in Constant Homogeneous Magnetic Field	Mr KARABANOV, Ilya
18:15	[644] Freeze-out curve using the hybrid UrQMD event generator and HRG models	Mrs RAWAN

Tuesday, 24 April 2018

Oral session: Theoretical Physics: Section 2 - Conference Hall, 2nd floor (13:30 - 15:00)

time	[id] title	presenter
13:30	[621] The two-component Dark Matter in the vectorlike hypercolor extension of the Standard Model	Mr BEZUGLOV, Maxim
13:45	[622] Mu-deformed extension of the Bose-Einstein condensate dark matter model	Ms KHELASHVILI, Mariia
14:00	[623] The Milky Way in a phase and coordinate spaces	Ms MARTYNOVA, Anastasia
14:15	[624] Cosmological Constant Effects on the Properties of Mass Twin Compact Stars	Ms KHOSRAVI LARGANI, Noshad
14:30	[625] High-density phase transition paves the way for supernova explosions of massive blue-supergiant stars	Mr BASTIAN, Niels-Uwe
14:45	[626] Particle acceleration and outflows in the accretion disks of young stars	Dr KHAIBRAKHMANOV, Sergey

Thursday, 26 April 2018

Oral session: Theoretical Physics: Section 3 Part 1 - Conference Hall, 2nd floor (13:30 - 15:15)

time	[id] title	presenter
13:30	[627] Grassmannians and form factors	Mr BOLSHOV, Artem
13:45	[628] Pseudo-Riemannian Spectral Triples for the Standard Model	Mr BOCHNIAK, Arkadiusz
14:00	[629] Three-loop effective potential from differential equations	Dr PIKELNER, Andrey
14:15	[630] On the negativity probability of the Wigner function	Mr ABGARYAN, Vahagn
14:30	[631] Oscillator problem on three dimensional two-sheeted hyperboloid	Mr PETROSYAN, David
14:45	[632] On holographic RG flow at zero and finite temperatures	Dr GOLUBTSOVA, Anastasia
15:00	[633] On a moduli space of the Wigner quasiprobability distributions	Ms TOROSYAN, Astghik

Oral session: Theoretical Physics: Section 3 Part 2 - Conference Hall, 2nd floor (15:45 - 17:30)

time	[id] title	presenter
15:45	[634] Decay properties of heavy and super-heavy nuclei	Ms MARKOVA, Maria
16:00	[635] Ultracold three – body atomic clusters	Mr KOROBITSIN, Artem
16:15	[636] The pairing-interaction impact on the beta-decay characteristics and multi-neutron emission of the neutron-rich $^{126,128,130,132}\text{Cd}$	Mr SUSHENOK, Evgenii
16:30	[638] Empirical neutron-proton pairing	Mr SIDOROV, Semyon
16:45	[612] Contribution of nontrivial angular momenta in bound state energy of triton in Bethe-Salpeter-Faddeev approach	Mr YUREV, Sergey
17:00	[637] The theoretical study of the halo nucleus of ^{11}Be	Mr VALIOLDA, Dinara