

28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024)

Monday 28 October 2024

Theoretical Physics - 134/5-* - Conference hall (14:50 - 16:05)

time	[id] title	presenter
14:50	[1788] Mathematical modeling of fission dynamics: application to spontaneous fission of superheavy nuclei	RAHMATINEJAD, Azam
15:20	[1720] Broken Ladders: Analysing Λ CDM Extensions and the Hubble Crisis	NEDELKO, Nikita
15:35	[1717] Perturbative analysis of a five-parameter generalization of the teleparallel Hayashi–Shirafuji theory	KLIMOVA, Sofia
15:50	[1535] On the constant roll inflation in the Sushkov cosmology	IAKHIBBAEV, Ravil

Theoretical Physics - 134/5-* - Conference hall (16:30 - 17:15)

time	[id] title	presenter
16:30	[1708] Sterile neutrinos of the left-right symmetric model as dark matter	KAZARKIN, Dmitrii

Tuesday 29 October 2024

Theoretical Physics - 134/5-* - Conference hall (12:45 - 13:30)

time	[id] title	presenter
12:45	[1642] Axionlike particles search using diatomic molecules	PROSNYAK, Sergey
13:00	[1778] Fire Hose Mode Instability in Anisotropic Cosmic Plasma	SAMADOV, Jannat
13:15	[1542] Particularities of Black Hole shadows when spinning is taken into account	ZENIN, Oleg

Theoretical Physics - 134/5-* - Conference hall (14:50 - 16:05)

time	[id] title	presenter
14:50	[1781] Low-energy spectra of nobelium isotopes	МАРДЫБАН, Мария
15:05	[1775] Dipole electric and magnetic strengths in ^{156}Gd	VISHNEVSKIY, Petr
15:20	[1731] Correction for Vibrational Frequencies to the Molecular Parameter Characterizing Nuclear Spin-Dependent Parity-Violating Effects in the $^2\text{Si}^+\text{O}^+$ Cation	Mr TURCHENKO, Petr
15:35	[1660] Fine structure of the alpha-decay of actinides	BAYRAMOV, Daniel
15:50	[1536] Study of nuclei structure in alpha-cluster model by hyperspherical functions using cubic spline interpolation	BAZHIN, Anton

Theoretical Physics - 134/5-* - Conference hall (16:30 - 17:15)

time	[id] title	presenter
16:30	[1644] Investigation of Resonance Properties of the Phi-0 Josephson Junction	КОКАЕВ, Дмитрий
16:45	[1710] Search for the low-energy state of the ising model using neural networks	ТЕРНОВОЙ, Никита
17:00	[1634] Deposition of Radioactive Admixture on Particles in Gas Phase	EPIFANOV, Vladislav

Wednesday 30 October 2024

Theoretical Physics - 134/5-* - Conference hall (14:50 - 16:05)

time	[id] title	presenter
14:50	[1579] Investigation of the $O(n)$ -symmetric $\varphi^4 + \varphi^6$ theory using renormalization group method to six loops	TRENOGIN, Aleksandr
15:05	[1525] Viscosity in an accelerated relativistic medium from the Unruh effect vs string theory bound	LAPYGIN, Dmitriy
15:20	[1534] Gravitational axial anomaly, cosmological constant and Unruh effect in curved spacetime	Mr KHAKIMOV, ROMAN
15:35	[1659] Topological string as massive spinning particle in three dimensions	Mr RETUNTSEV, I. A.
15:50	[1570] Coulomb interaction in rare lepton and semilepton decays of neutral B mesons	MANUKHOV, Stepan

Theoretical Physics - 134/5-* - Conference hall (16:30 - 17:30)

time	[id] title	presenter
16:30	[1575] Model-dependent constraints on the mass of additional Z' -boson at the next-generation electron-positron colliders	SINEGRIBOV, D. V.
16:45	[1620] Small- p_T production of J/ψ mesons within Soft Gluon Resummation Approach	SHILYAEV, Kirill
17:00	[1511] Mueller-Navelet dijet production in the High-Energy Factorization approach	CHERNYSHEV, Alexey
17:15	[1505] Relativistic description of triply heavy tetraquarks	Ms SAVCHENKO, Elena

Thursday 31 October 2024

Theoretical Physics - 134/5-* - Conference hall (12:45 - 13:30)

time	[id] title	presenter
12:45	[1507] Interacting ultraviolet completions of four-dimensional gauge-Yukawa theories	МУХАЕВА, Альфия
13:00	[1519] Numerical estimation of radiative corrections to e^+e^- -annihilation processes	VOZNAYA, Uliana
13:15	[1521] T-even hadronic structure functions in the Drell-Yan process	ANIKIN, Iurii

Theoretical Physics - 134/5-* - Conference hall (14:50 - 16:05)

time	[id] title	presenter
14:50	[1523] B meson decays	ISSADYKOV, Aidos
15:05	[1614] Pion properties in the Bethe-Salpeter formalism with a separable kernel	СЛАУТИН, Михаил
15:20	[1515] The Hyperon Production in Bi+Bi Collisions at NICA and the Angular Dependence of the Hyperon Spin Polarization	TSEGELNIK, Nikita
15:35	[1638] Relativistic Fluid Dynamics in Heavy-Ion Collisions, Particle & Nuclear Astrophysics	BETHUEL, Sebopa
15:50	[1587] Probing the nuclear matter equation of state with light nuclei	Dr KIREYEU, Viktor

Theoretical Physics - 134/5-* - Conference hall (16:30 - 17:30)

time	[id] title	presenter
16:30	[1738] Precision study of the equation of state of rotating gluon plasma	SYCHEV, Dmitrii
16:45	[1695] Mixed inhomogeneous phase in rotating gluon plasma	Dr ROENKO, Artem
17:00	[1589] Phase diagram of two and three color QCD with various imbalances	ZHOKHOV-LARIONOV, Roman
17:15	[1721] On the problem of defining initial conditions for relativistic quark-gluon strings for hadronization modeling	NIKOLAENKO, Roman