

The XXVII International Scientific Conference of Young Scientists and Specialists (AYSS-2023)

Tuesday, 31 October 2023

Theoretical Physics - Blokhintsev Hall (4th floor), BLTP (15:30 - 16:30)

| time | [id] title | presenter |
|-------|--|-------------------|
| 15:30 | [1209] Correlators in six-dimensional planar fishnet models | IAKHIBBAEV, Ravil |
| 15:45 | [1211] Vortex rings and global hyperon polarization at the NICA energies | TSEGELNIK, Nikita |
| 16:00 | [1239] Differential equations method for expansion of hypergeometric functions | BEZUGLOV, Maxim |
| 16:15 | [1236] Dispersion relations in Kerr-AdS/CFT holography | GEITOTA, Olesia |

Theoretical Physics - Blokhintsev Hall (4th floor), BLTP (16:50 - 18:05)

| time | [id] title | presenter |
|-------|--|--------------------|
| 16:50 | [1202] Effect of magnetic field on Dual QCD Quark-hadron phase transition | Dr PUNETHA, Garima |
| 17:05 | [1223] Supernova neutrino oscillations as a probe of leptonic CP-violation | POPOV, Artem |
| 17:20 | [1235] Radiative corrections to muon decay spectrum | VOZNAYA, Uliana |
| 17:35 | [1248] Multichannel scattering for the Schrödinger equation on a line with different thresholds at both infinities | KOROLEV, Petr |
| 17:50 | [1267] The Double Compton process in a Strongly Magnetized Plasma, | PUKHOV, Timothy |

Wednesday, 1 November 2023

Theoretical Physics - Bogolyubov Hall (2nd floor), BLTP, JINR (14:20 - 15:50)

| time | [id] title | presenter |
|-------|--|---------------------|
| 14:20 | [1307] Investigating of conformal window in the Litim-Sannino model at 433 order | MUKHAEVA, Alfiia |
| 14:35 | [1408] The $pd \rightarrow pd\pi\pi$ reaction with dibaryon $d^*(2380)$ excitation | TURSUNBAYEV, Nurbek |
| 14:50 | [1450] Production of heavy neutron-rich nuclei with the magic number $N=126$ in the multinucleon transfer reactions induced by radioactive beams | SAIKO, Vyacheslav |
| 15:05 | [1473] Investigation of the rotational band characteristic of the even 250-260No | MARDYBAN, Mariia |
| 15:20 | [1388] Negative moment of inertia and rotational instability of gluon plasma | SYCHEV, Dmitrii |
| 15:35 | [1271] Models for Heavy Baryons Based on the Symmetry between Heavy Quark and Heavy Diquark | SHUKHTINA, Alisa |

Theoretical Physics - Bogolyubov Hall (2nd floor), BLTP, JINR (16:10 - 17:40)

| time | [id] title | presenter |
|-------|--|---------------------|
| 16:10 | [1405] Analysis of $1/N_c$ corrections in the quark model using the example of the pion transient form factor | SAVKOVA, Nadezhda |
| 16:25 | [1436] Correlation functions in holographic RG flow of 3d supergravity. | ARKHIPOVA, Kseniia |
| 16:40 | [1280] Relativistic description of asymmetric fully heavy tetraquarks | Ms SAVCHENKO, Elena |
| 16:55 | [1283] Black hole shadows as a source for testing extended theories | ZENIN, Oleg |
| 17:10 | [1286] A method for numerical solution of a non-stationary Schrödinger equation based on Lee-Trotter-Suzuki formula. | Dr ZAKHAROV, Maxim |
| 17:25 | [1365] Accretion in a hybrid metric-Palatini $f(R)$ -gravity for spherically symmetric black holes | AVDEEV, Nikita |