

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

Monday 28 October 2024

High Energy Physics - 4-451 (14:50 - 16:05)

time	[id] title	presenter
14:50	[1789] BM@N — the first experiment at the NICA complex	MERTS, Sergei
15:20	[1718] SIMULATION AND RECONSTRUCTION OF EVENTS IN THE MUON SYSTEM OF THE SPD INSTALLATION	Mr OCETPOB, Александр
15:35	[1516] Study of the detection of Λ (anti- Λ)-hyperons in the SPD	GUBACHEV, Daniil
15:50	[1746] The scintillation detector prototype of an extended version of the SPD Beam-Beam Counter detector	TISHEVSKY, Aleksey

High Energy Physics - 4-451 (16:30 - 17:30)

time	[id] title	presenter
16:30	[1622] SPD geometry description and GeoModel	ALLAKHVERDIEVA, Aytadzh
16:45	[1562] Integration of the CAEN Front-End Readout System for Calorimeters within the miniSPD Setup	Mr ROMAKHOV, Sergey
17:00	[1539] Reconstruction of cosmic muon tracks inside the half-sector of the ECal MPD/NICA to align the tower responses	Mr BARYSHNIKOV, Victor
17:15	[1650] Simulation of MPD trigger system for MPDRoot software.	BYCHKOV, Alexander

Tuesday 29 October 2024

High Energy Physics - 4-451 (12:45 - 13:30)

time	[id] title	presenter
12:45	[1764] Status of Forward Hadron Calorimeter at MPD/NICA	STRIZHAK, Alexander
13:00	[1740] Direct Photon Interferometry in Bi-Bi Collision at $\sqrt{s_{NN}} = 9.2$ GeV	KUSKOV, Vladislav
13:15	[1590] Fully charmed tetraquarks: new methods of experimental analysis and theoretical outline	DIDENKO, Alice

High Energy Physics - 4-451 (14:50 - 16:05)

time	[id] title	presenter
14:50	[1646] The acceptance and efficiency of the Highly Granular Neutron Detector prototype in the BM@N experiment	ZUBANKOV, Aleksandr
15:05	[1690] Centrality determination methods in heavy-ion collisions at the BM@N experiment	IDRISOV, Dim
15:20	[1753] Determination of purity and efficiency of the clustering algorithm of neutron reconstruction with the HGND at the BM@N experiment	SHABANOV, Arseniy
15:35	[1508] Analysis of phi meson production in the BM@N experiment	BARAK, Ramin
15:50	[1510] Directed flow of protons in Xe+Csl collisions at $E_{kin}=3.8A$ -GeV from first physical run at BM@N.	MAMAEV, Mikhail

High Energy Physics - 4-451 (16:30 - 17:15)

time	[id] title	presenter
16:30	[1637] Simulation of the momentum distributions of the spectator fragments in $^{124}\text{Xe}+\text{Csl}$ Collisions at the BM@N with accounting for pre-equilibrium clusterization	VASYAGINA, Ekaterina
16:45	[1548] Analysis of hypernuclei in simulated data of the BM@N experiment	КОНСТАНТИНОВА, Елизавета

Wednesday 30 October 2024

High Energy Physics - 4-451 (14:50 - 16:05)

time	[id] title	presenter
14:50	[1583] Study of the influence of absorbed dose on scintillation properties of inorganic scintillators BaF2 and LYSO:Ce	ВАСИЛЬЕВ, Илья
15:05	[1624] The current status of studying Zc(4200) exotic state	VASYUKOV, Artem
15:20	[1649] Detailed Geometric Simulation of the Zero-Degree Calorimeter for the Spin Physics Detector Using Geant4	RODRÍGUEZ MARTÍNEZ, Thalia
15:35	[1683] Estimating Neutrino Energy for the NOvA 3-Flavor analysis	KALITKINA, Anastasiia

High Energy Physics - 4-451 (16:30 - 17:45)

time	[id] title	presenter
16:30	[1651] The data fitter of neutrino oscillation experiments in the GNA software	STEPANOVA, Anna
16:45	[1684] JUNO's Sensitivity to Neutrino Mass Ordering	ДОЛЖИКОВ, Дмитрий
17:00	[1768] Search for two-neutrino double electron capture on Ar-36 with DarkSide-50 detector	LYCHAGINA, Olga

Friday 1 November 2024

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

time	[id] title	presenter
12:45	[1698] Influence of boundary thermal fluctuations on event coordinate determination in a Time-projection chamber	FEDOTOV, Alexander
13:00	[1732] Search for invisible decays of ρ^0 in NA64	GERTSENBERGER, Svetlana
13:15	[1733] Identification of particles by energy losses	SHAKHVOROSTOVA, Elizaveta

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

time	[id] title	presenter
14:50	[1757] Search for New Physics in CP Violation in $b \rightarrow ccs$ and $b \rightarrow sss$ Amplitudes Interference	GAVRILOV, Dmitry
15:05	[1617] CALCULATIONS OF AZIMUTHAL FLOWS IN RELATIVISTIC COLLISIONS OF HEAVY IONS WITH THE REACTION PLANE AND TWO-PARTICLE CUMULANT METHODS AT THE MONTE-CARLO GENERATOR HYDJET++ FOR LHC ENERGIES	MYAGKOV, Danila
15:20	[1770] Data Processing at the LHC. Corrections & Systematic Effects	SHALAEV, Vladislav
15:35	[1608] Prompt Photons with longitudinally polarized proton beams	КАМПФ, Алексей
15:50	[1550] Simulation and Optimization of Resistive Plate Chamber (RPC) Performance using Garfield++	ABDELHAMEID, Tahany