

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

Monday 28 October 2024

Poster session & Welcome drinks (18:50 - 20:50)

[id] title	presenter	board
[1760] MODEL ANALYSIS OF TRANSVERSE MOMENTUM AND MULTIPLICITY CORRELATIONS IN THE NICA RANGE IN Bi+Bi COLLISIONS AS A FUNCTION OF CENTRALITY CLASS	ZVIAGINA, Agniia	
[1742] SEC-SAXS structural studies of ferritin-based heterooligomers	TILINOVA, Oksana	
[1588] Structural studies and crystallization of ferritin-based protein complex	GETTE, Margarita	
[1606] Optimization of gas mixtures for the Micromegas-based central tracker of the SPD experiment	KOVIASINA, Natalia	
[1673] Reconstruction of strange particles produced in Xe+CsI interactions at the BM@N experiment	ЗИНЧЕНКО, Роман	
[1686] Fast neutrino oscillation in short baseline reactor antineutrino experiments	ZAVADSKYI, Vitalii	
[1704] Testing of the adjustable RF amplifier of the Nuclotron station.	ШИЛИН, Александр	
[1736] SuperFGD - central part of near neutrino detector of T2K experiment	Mr BOMBIN, Bogdan	
[1655] Magnetic properties of Ni, Fe, Co nanowires synthesized using porous Al ₂ O ₃ matrices	SOBIROV, Mukhammad	
[1557] ML-based structure prediction of human transglutaminases	ALEXANDROVA, Anastasia	
[1607] Development of Label-Free Biosensors for Real-Time Molecular Interaction Studies	Ms DEEVA, Olga	
[1540] Progress in the creation of a matrix track detector	Mr USTINOV, Dmitry	
[1626] Optimization of Geant4 deexcitation module	Mr CHALYI, Nikita	
[1766] Spatial-sensitive detector based on strong scattering scintillator medium	KRAPIVA, Artemiy	
[1629] The concept of an experiment on measuring the length of coherent scattering of natural gadolinium	SHPILEVSKAIA, Victoria	
[1609] Time- correlated single photon counting technique in optical spectroscopy of MgAl ₂ O ₄	LE THI, Phuong Thao	
[1703] Relativistic calculations of eka-francium and its homologues hydrides.	SAETGARAEV, Amir	
[1728] Assembly and testing of regular sections of the beam chamber of the NICA COLLIDER	Mr POGODIN, Alexandr	
[1743] g factor of highly charged ions: αZ expansion for interelectronic interaction correction	MOSHKIN, Artyom	
[1558] Building the injection complex damping ring longitudinal coupling impedance model	BALAKIN, Vitalii	
[1594] Calculation of the scanning magnets for operation of extracted ion beam	BYKOV, Sergey	
[1517] Topological proof of discreteness and nondegeneracy of state number operator spectra	KOVALEV, Oleg	

[1767] Bench tests of power supplies for RF barrier stations of the RF1 collider NICA	MOROZOV, Dmitry	
[1518] System for monitoring synchrotron oscillations	Mr ТРОИЦКИЙ, Андрей	
[1577] Modernization of control electronics of RF stations of Nuclotron NICA	KARPUK, Alexandr	
[1639] Hardware and software complex for measuring the tension of signal wires in drift pipes.	Mr SAKTAGANOV, Nurzada	
[1706] Measurements of coherent transition radiation at the AREAL accelerator	KIDANOVA, Ekaterina	
[1526] Testing of the multiplayer neutron detector on the LPI neutron channel	USTINOV, Valentin	
[1556] COOLING SYSTEM FOR TPC AND ECAL DETECTOR ON THE MPD UNIT.	GHONIEM, Youmna	
[1705] Memory Effect in Porous Polyethylene Films Preliminarily Deformed in the Medium of Supercritical CO₂	ROENKO, Anna	
[1765] Structure and electronic characteristics of graphene on XMnCu₃ substrate (X = Sm, Eu, Gd).	KULYAMIN, Pavel	
[1780] Electrical properties of nanoporous photo adsorbers based on CuSn(S,Se)₂ under conditions of varying moisture and lighting	DIDENKO, Ekaterina	
[1726] Conformational perturbation in the DNA molecule of the Muto model	VOLOGZHIN, Matvey	
[1561] Influence of structure of resistive coatings of solid solution in Cu-N system on electrical properties	SHMANAY, Yahor	
[1694] Cherenkov diffraction radiation generated by 3D printed plastic samples	BUSHMINA, Elizaveta	
[1496] Connection between Chern-Simons theory and topological field theory on SO(4)	GUDKOV, Evgeniy	
[1645] Dissipative dynamics of a hole transfer in two-strand model of DNA	SYURAKSHIN, Antony	
[1712] First steps in implementing the RI-HF algorithm for electronic structure calculations	KASHPUROVICH, Yuri	
[1722] Engineering Ferritin-Based Nanoparticles for Enhanced Immunogenicity Against SARS-CoV-2	VLASOV, Alexey	
[1761] Computer modeling of the thermal stabilization system for the MPD detector of NICA	MIADZVEDZEVA, Maryia	
[1771] Comparative analysis of behavioral reactions and physiological parameters of mice exposed to protons and aging	SAKHAROVA, Sofya	