

The XXVI International Scientific Conference of Young Scientists and Specialists (AYSS-2022)

Monday, 24 October 2022

High Energy Physics - Conference hall (14:00 - 16:00)

time	[id] title	presenter
14:00	[1108] Feasibility study of K_s^0 in the BM@N experiment	BARAK, Ramin
14:15	[1121] The performance of a beam-beam monitoring detector (BeBe) for MPD-NICA	Dr AYALA TORRES, Marco A
14:30	[1130] Monte Carlo models validation for the FHCAL calorimeter response simulation in the MPD NICA experiment.	VOLKOV, Vadim
14:45	[1161] The central tracking system of the BM@N experiment based on GEM detectors	GALAVANOV, Andrei
15:00	[1077] Centrality dependencies of charged pion production in 12C+12C collisions at 4.2 GeV/c per nucleon	TOJIMAMATOV, Shokhrukh
15:15	[1092] TOF700 to ZDC track matching on the Ar - data at the BM@N experiment	Ms ALISHINA, Ksenia
15:30	[1142] Scaling properties of anisotropic flow at Nuclotron-NICA energy range	PARFENOV, Peter
15:45	[1172] Tests parameters of pade of TPS of MPD	LAZAROV, David

High Energy Physics - Conference hall (16:20 - 17:35)

time	[id] title	presenter
16:20	[1164] Study of the scintillation detector prototype for the upgraded polarimeter at the Internal Target Station at the Nuclotron	TISHEVSKY, Aleksey
16:50	[1025] Жидко-водородная мишень эксперимента ФОДС-2	КЛИМАНСКИЙ, Дмитрий
17:05	[1153] Online Gas Gain Monitoring System	BAUTIN, Vitaly
17:20	[1169] Performance for spectator symmetry plane estimation with the BM@N experiment	MAMAEV, Mikhail

Tuesday, 25 October 2022

High Energy Physics - R1 (403) (14:00 - 16:00)

time	[id] title	presenter
14:00	[1183] Design and thermal test of the stave cooling plate	LIGDENOVA, Tuyana
14:15	[1109] Simulation of the straw detector in the NA64 experiment for the muon run	GERTSENBERGER, Svetlana
14:30	[1168] Study of the Higgs boson production with a single top quark in ATLAS experiment	TROPINA, Anastasia
14:45	[1176] Search for dark matter produced in association with a leptonically decaying Z boson with the CMS Experiment at the LHC	SLIZHEVSKIY, Kirill
15:00	[1177] Measurement of gluon jet fraction in the inclusive jets channel	BUDKOUSKI, Dzmitry
15:15	[1104] Application of machine learning for the analysis of Higgs boson production in association with single top-quark	DIDENKO, Alice
15:30	[1020] RADIATION CORRECTIONS TO PROMPT PHOTON PRODUCTION IN COMPTON SCATTERING OF QUARK-GLUON $q g \rightarrow q \gamma$ AND ANNIHILATION OF QUARK-ANTIQUARK PAIR $q \bar{q} \rightarrow g \gamma$ PROCESSES	ALIZADA, Mohsun
15:45	[1084] Production of various elements in ultraperipheral $\sqrt{s} = 2.76$ TeV $Pb-Pb$ collisions at the LHC	DMITRIEVA, Uliana

High Energy Physics - R1 (403) (16:20 - 17:55)

time	[id] title	presenter
16:20	[1035] Fast way to determine pp-collision time at the SPD experiment	FILONCHIK, Polina
16:35	[1156] Simulation of the setup for studying the kinematics of Compton scattering of annihilation photons in entangled and decoherent states	MUSIN, Sultan
16:40	[1159] Analyzing Power of Quasi-Elastic Proton-Proton Scattering at the Energies from 200 to 650 MeV/nucleon	VOLKOV, Ivan
16:55	[1162] Power supply unit for SiPMs	EREMKINA, Irina
17:10	[1023] The Electron String Ion Sources (ESIS) cathode node electronics development	PONKIN, Dmitriy
17:25	[1182] PID in the NICA experiment using machine learning techniques	MALDONADO GONZALEZ, JULIO CESAR

Wednesday, 26 October 2022

High Energy Physics - R1 (403) (14:00 - 16:00)

time	[id] title	presenter
14:00	[980] Preliminary results of the Pilot Run in the NA65-DsTau experiment at CERN-SPS	MILOI, Madalina Mihaela
14:15	[1053] Joint fit of long-baseline accelerator neutrino experiments in GNA software.	STEPANOVA, Anna
14:30	[1075] Design and construction of a straw chamber telescope for muography of the steppe kurgans	KAMBAR, Ysmaiyl
14:45	[1085] Analysis of the counting rate of non-trigger signals at the Baikal-GVD neutrino telescope	SEMENIUK, Anastasiia
15:00	[1181] Evaluation of the sensitivity of DarkSide-50 experiment to double K-capture on Ar-36.	Ms LYCHAGINA, Olga
15:15	[1072] Radiative Neutrino Mass with GeV Scale Majorana Dark Matter in Scotogenic Model	., Avnish
15:30	[1157] PMT optical model	ANTOSHKINA, Tatiana
15:45	[1151] Data Acquisition System of the NA64 Experiment	SALAMATIN, Kirill

High Energy Physics - R1 (403) (16:20 - 18:20)

time	[id] title	presenter
16:20	[1126] Amplitude analysis methods for the experimental studies of multi-quark states	VASYUKOV, Artem
16:35	[1137] The perturbation series solution of the time dependent radiative transfer equation	ALLAKHVERDIAN, Vladimir
16:50	[1139] Second order viscous hydrodynamics within an effective kinetic theory and thermal particles from QGP	NAIK, Lakshmi J
17:05	[1147] String fusion mechanism and studies of correlations.	PROKHOROVA, Daria
17:35	[1184] CONSTRUCTION MANAGEMENT INFORMATION SYSTEM AT JINR	RODRIGUEZ ALVAREZ, Alejandro
17:50	[1059] Likelihood based approach to the estimation of the background induced by the misidentification of a jet as a photon at pp collider experiment	KAZAKOVA, Katerina