

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

Monday, 30 October 2023

High Energy Physics - Conference Hall, DLNP (14:20 - 15:50)

time	[id] title	presenter
14:20	[1203] The primary proton vertices reconstruction in the DsTau(NA65) experiment	MILOI, Madalina Mihaela
14:35	[1266] Expected neutrino rates from point-like astrophysical sources in Baikal-GVD	KLEIMENOV, Maksim
14:50	[1268] Detection of the atmospheric neutrinos in the NOvA experiment	IVANOVA, Alexandra
15:05	[1353] Determination of the photon detection efficiency, time and spatial resolution of the light collecting system of the near liquid argon detector (ND-LAr) of the DUNE experiment.	LENSKII, Petr
15:20	[1331] Visualization of Multimessenger Astronomy Data for Baikal-GVD Neutrino Telescope.	SEMENIUK, Anastasiia
15:35	[1260] Simulation of observed quantities in lepton flavour violation processes in proton-proton collisions	Mrs TOLKACHOVA, Diana

High Energy Physics - Conference Hall, DLNP (16:10 - 17:40)

time	[id] title	presenter
16:10	[1273] Study of Λ - hyperon production in collisions of heavy ions with solid targets in the BM@N experiment	ALISHINA, Ksenia
16:25	[1246] GEM-based central tracking system at the BM@N experiment: status and plans.	GALAVANOV, Andrei
16:40	[1216] On the azimuthal flow of protons in the heavy ion collisions at 2-4 GeV	MAMAEV, Mikhail
16:55	[1313] Generalized Relativistic String Model for hadronization description	NIKOLAENKO, Roman
17:10	[1476] TIGER ASIC as a candidate front end electronics solution for future Straw Trackers	BAUTIN, Vitaly

Tuesday, 31 October 2023

High Energy Physics - Conference Hall, DLNP (15:30 - 16:30)

time	[id] title	presenter
15:30	[1334] Study of exotic tetraquark states in B-meson decays at the ATLAS experiment	VASYUKOV, Artem
15:45	[1318] Lepton conversion study in the NA64 experiment	GERTSENBERGER, Svetlana
16:00	[1433] A new evolutionary algorithm for optimizing the search of a rare Higgs boson production channel	DIDENKO, Alice
16:15	[1299] Z-boson pT-spectrum and lepton angular coefficients in the LO high-energy factorization with the real NLO corrections	OMELIANCHUK, Savellii

High Energy Physics - Conference Hall, DLNP (16:50 - 18:05)

time	[id] title	presenter
16:50	[1295] Systematic studies of background subtraction under Σ^0 mass peak measured at LHC with ALICE in pp collisions at $\sqrt{s} = 13$ TeV	GLADIN, Nikita
17:05	[1272] Recent neutral meson and direct photon measurements with ALICE	KUSKOV, Vladislav
17:20	[1257] Analysis of the rare kaon decay $K \rightarrow \pi\pi\pi$ at the CERN-NA62 experiment	OKHOTNIKOV, Artem
17:35	[1310] Large-scale tracking detector TREK for cosmic ray muon bundle investigations at large zenith angles	TROSHIN, Ivan
17:50	[1420] $K^+ \rightarrow \pi^0\mu^+\nu$ and $K^+ \rightarrow \pi^0e^+\nu$ decays: recent results from the «OKA» experiment	TIURIN, Ilia

Wednesday, 1 November 2023

High Energy Physics - Conference Hall, opposite the main building of the DLNP (16:10 - 17:40)

time	[id] title	presenter
16:10	[1325] Exploring machine learning methods for unbinned data analysis of Drell-Yan phase space at CMS	GUTIERREZ MENÉNDEZ, David
16:25	[1419] Centrality determination method in nuclear collisions by using hadron calorimeter	IDRISOV, Dim
16:40	[1415] Detector and physics simulation using heavy ion collisions at NICA-SPD	PANDEY, Rishav
16:55	[1351] The study of backgrounds in direct photon production at SPD NICA energies.	OSPENNIKOV, Nikita
17:10	[1215] Methods for centrality determination in heavy-ion collisions	SEGAL, Ilya
17:25	[1314] Reconstruction of neutrino direction in the Baikal-GVD experiment by neural networks	LEONOV, Aleksey