



# The XXV International Scientific Conference of Young Scientists and Specialists (AYSS-2021)

## Monday, 11 October 2021

### High energy physics (11:00 - 12:00)

time	[id] title	presenter
11:00	[857] MiniSPD - cosmic muon testing facility	KAMBAR, Ysmaiyl
11:15	[923] Centrality determination in MPD at NICA	NIETO, Pedro A.
11:30	[870] Study of radiation losses in Electromagnetic Calorimeter of MPD experiment	MYKTYBEKOV, Demezhan
11:45	[943] Study of spectator charge distributions in the HADES experiment for Ag+Ag@1.58AGeV and Au+Au@1.23AGeV	ZHEREBTSOVA, Elizaveta

### High energy physics: Section 1 (14:30 - 15:30)

time	[id] title	presenter
14:30	[864] GEM residuals corrections in Monte-Carlo simulation for the Run6 at the BM@N experiment	Ms ALISHINA, Ksenia
14:45	[901] Deep underground neutrino experiment DUNE – calculation of sensitivity to the measurement of oscillation parameters	STEPANOVA, Ann
15:00	[951] East-West asymmetry in atmospheric muon fluxes in the Far Detector of NOvA	PETROVA, Olga
15:15	[950] Study of acceptance of ECal detector of the HADES experiment	SHABANOV, Arseniy

### High energy physics (15:45 - 17:15)

time	[id] title	presenter
15:45	[955] Wire tension test bench for gaseous detectors	ZEL, Viktoriya
16:00	[911] Monte Carlo simulation of the experimental setup for measurements of entangled annihilation photons	MUSIN, Sultan
16:15	[885] Analysis of average pseudorapidity distributions of secondary particles formed in interactions of Au 10.7 AGeV and Pb 158 AGeV with emulsion nuclei.	FEDOSIMOVA, Anastasia
16:30	[888] Influence of the initial conditions of interaction on the development of a cascade process.	FEDOSIMOVA, Anastasia
16:45	[890] Assessing the centrality degree of relativistic nucleus-nucleus interactions	Mrs IBRAIMOVA, Saera
17:00	[854] DETERMINATION OF DIFFERENTIAL CROSS SECTION OF THE REACTION $pp \rightarrow \{pp\}_S \pi^0$	BAIMURZINOVA, Bota

# Friday, 15 October 2021

## High energy physics (10:15 - 12:00)

time	[id] title	presenter
10:15	[878] A search for the decays of stopped long-lived particles with the ATLAS detector	CHEREPANOVA, Elizaveta
10:30	[847] Reconstruction in the Drift Chambers of the BM@N experiment	VOYTISHIN, Nikolay
10:45	[879] Drell-Yan angular coefficients measurements with the CMS experiment at the LHC	SHALAEV, Vladislav
11:00	[867] Simulation of the NA64 experiment setup on Geant4	KASYANOVA, Elina
11:15	[961] Convolutional neural networks in determining centrality by front hadron calorimeters in heavy ion reactions	KARPUSHKIN, Nikolay
11:30	[962] Implementation of CL's method within GNA	ЗАВАДСКИЙ, Виталий
11:45	[842] Studying electron-positron annihilation into $KK\pi$ and $KK\pi\pi^0$	USKOV, Artem