

The XXIV International Scientific Conference of Young Scientists and Specialists (AYSS-2020)

Monday, 9 November 2020

High energy physics: Section 1 (16:45 - 18:15)

time	[id] title	presenter
16:45	[717] Partial-wave analysis of $J/\psi \rightarrow K^+ K^- \pi^0$	DENISENKO, Igor
17:00	[744] DsTau (NA65): Study of tau neutrino production at CERN-SPS	Ms SITNIKOVA, Elizaveta
17:15	[750] A new method to reconstruct the Higgs boson mass at the CLIC collider.	SHVYDKIN, Pavel
17:30	[773] Analysis of the rare $K^+ \rightarrow e^+ \nu \mu^+ \mu^-$ decay in the NA62.	BAIGARASHEV, Dosbol
17:45	[739] Study of WH process using different event generators	MANASHOVA, Munira

Tuesday, 10 November 2020

High energy physics (14:00 - 16:00)

time	[id] title	presenter
14:00	[785] Search for a high-mass DM mediator decaying to a dilepton final state.	ZHIZHIN, Iliia
14:15	[804] Drell-Yan angular coefficients measurements with the CMS experiment at the LHC	SHALAEV, Vladislav
14:30	[802] Analyzing power in quasi-elastic proton-proton scattering at 500 and 650 MeV/nucleon	VOLKOV, Ivan
14:45	[721] Higgs boson production in association with a single top quark at the LHC	KOVAL, Oksana
15:00	[777] A criterion for infinite positron feedback in the dynamics of runaway electron avalanches	STADNICHUK, Egor
15:15	[770] Calibration systems of the NICA-MPD electromagnetic calorimeter modules	KUTINOVA, Olga
15:30	[725] FFD electronics testbench	EREMKINA, Irina
15:45	[755] Study of the scintillation properties of pure and yttrium-doped BaF ₂ crystals	VASILYEV, Ilya

High energy physics (16:15 - 18:15)

time	[id] title	presenter
16:15	[787] Reconstruction of energy and heavy ion collision point at FHCAL (MPD)	Mr STRIZHAK, Alexander
16:30	[782] Status of the GEM tracking system at the BM@N experiment	Mr GALAVANOV, Andrei
16:45	[790] Study of the 16-channel scintillation detector prototype with SiPM readout	TISHEVSKIY, Aleksey
17:00	[791] Development and testing of multilayer neutron detectors	SUKHOV, Evgeni
17:15	[822] Project, development and testing of the Gas System of the MPD/Time-of-Flight detector	DĄBROWSKI, Daniel
17:30	[820] Investigation of the beam energy dependence of particle production in gold collisions at MPD energy region.	PERVYSHINA, Elena
17:45	[825] Mini-SPD test stand at JINR	BURTSEV, Vitalii
18:00	[826] The system for parameters of working gas monitoring at MiniSPD stand	SALAMATIN, Kiril

Wednesday, 11 November 2020

High energy physics (14:00 - 16:30)

time	[id] title	presenter
14:00	[729] SRC at BM@N: reconstruction of tracks upstream and downstream the target using the MWPC and Silicon detector systems	LENIVENKO, Vasilisa
14:15	[742] A Monte Carlo study of Lambda Hyperon Polarization at MPD	AKHAT, Raimbek
14:30	[806] Charged particle identification by the Time-of-Flight method in the BM@N experiment	Ms ALISHINA, Ksenia
14:45	[807] Evolution of anisotropic flow of produced particles from Au+Au collisions at $\sqrt{s_{NN}}=4.5 - 200$ GeV in a hybrid models	DEMANOV, Alexander
15:00	[786] Comparison of methods for elliptic anisotropic flow measurements at NICA energies $\sqrt{s_{NN}}=4-11$ GeV	Mr LUONG, Vinh
15:15	[815] New proton polarimeter at the Nuclotron	TEREKHIN, A.A.
15:30	[743] Spectator nucleons in most central Au—Au collisions at NICA	DMITRIEVA, Uliana
15:45	[824] GEANT4 modeling of the mini-SPD test stand	KASYANOVA, Elina
16:00	[832] Centrality and spectators properties measurements with hadron calorimeter in MPD/NICA experiment	VOLKOV, Vadim