

The XXIII International Scientific Conference of Young Scientists and Specialists (AYSS-2019)

Wednesday, 17 April 2019

High energy physics: Section 1 (14:00 - 16:00)

-Conveners: Oleg Samoylov; Alexey Aparin

time	[id] title	presenter
14:00	[313] The Microscopic Black Hole Production at the LHC with CMS experiment	Ms SEITOVA, Diana
14:15	[345] Measurment of Angular Coefficients in Drell-Yan process with the CMS experiment at the LHC	SHALAEV, Vladislav
14:30	[359] Simulation of the long-baseline neutrino experiments with Global Neutrino Analysis package	Ms KALITKINA, Anastasia
14:45	[390] Monte-Carlo study of the Higgs boson production in association with a single top quark at $\sqrt{s} = 13\text{TeV}$ at LHC	KOVAL, Oksana
15:00	[395] Analysis of the rare decay $K^+ \rightarrow \mu \nu \mu \mu$	Ms BAEVA, Aigul
15:15	[385] Performance studies of anisotropic flow with MPD at NICA	Mr PARFENOV, Peter
15:30	[319] A study of the VH associated production process	Mr AHMADOV, Faig
15:45	[468] Primary processing of hits in cylindrical GEM tracker of the BESIII experiment	DENISENKO, Igor

High energy physics: Theory (16:30 - 18:30)

-Conveners: Alexey Aparin; Oleg Samoylov

time	[id] title	presenter
16:30	[372] Cross-checks for the particle-identification algorithm in nue analysis by the means of muon removal procedure at the NOvA experiment	Ms KOLUPAEVA, Liudmila
16:45	[474] Cross channel Radon tomography	Mr GABDRAKHMANOV, Ilnur
17:00	[380] Correlation observables in YD pair production at the LHC within the parton Reggeization approach	Mr KARPISHKOV, Anton
17:15	[377] MEASUREMENT OF THE VECTOR AND TENSOR ANALYSING POWERS FOR DP-ELASTIC SCATTERING AT THE ENERGY OF 800 MeV	Mrs MEZHENSKA, Olena
17:30	[461] Decay $B_s \rightarrow K^0 \mu^+ \mu^-$ in covariant quark model	Dr ISSADYKOV, Aidos
17:45	[375] Pion production in the ^{84}Kr -Emulsion interactions at around 1GeV/n	Mr MUTHU, N MARI

Thursday, 18 April 2019

High energy physics: Section 2 Part 1 (14:00 - 16:00)

-Conveners: Vadim Babkin; Alexey Aparin

time	[id] title	presenter
14:00	[322] Prototype of light collection module for LAr TPC (ArgonCube).	CHETVERIKOV, Alexey
14:15	[329] The cross section of the inelastic interaction of protons and helium nuclei with the tungsten obtained with the PAMELA space experiment	Ms GOLUB, Olga
14:30	[381] Stand to test preamplifiers of SiPM signals for electromagnetic calorimeter of the MU2E experiment.	Mr MOROZ, Ilya
14:45	[386] Studies of the 16- channel scintillation detector prototype with SiPM readout.	Mr TISHEVSKIY, Aleksey
15:00	[400] Application of the Prony least squares method for fitting signal waveforms measured by sampling ADC	Mr KARPUSHKIN, Nikolay
15:15	[406] Performance of the ALICE charged-particle veto detector in PbPb and pp collisions at LHC	Mr KONDRATYUK, Evgeny
15:30	[428] Multi-channel pulse counter based on the Altera field programmable gate array	Mr BUTOROV, Ilya
15:45	[431] Study of the BM@N GEM/CSC tracking system performance	Mr GALAVANOV, Andrei

High energy physics: Section 2 Part 2 (16:30 - 18:30)

-Conveners: Vadim Babkin; Alexey Aparin

time	[id] title	presenter
16:30	[435] The synchronization modules of calorimeter for display in Event Display MPD	Ms ZHANABERGEN, Gaukhar
16:45	[481] Study of noise characteristics of irradiated pixel detectors for the new ALICE Inner Tracking System and the NICA MPD Inner Tracking Detector	Mr NESTEROV, Dmitrii
17:00	[343] Nuclear matter effects in the pion-induced Drell-Yan process at COMPASS	Mr MITROFANOV, Evgenii
17:15	[478] Comparison of hadron shower data in the PAMELA experiment with Geant4 simulations	Mr ALEKSEEV, Vladislav
17:30	[475] Tests of modules of Forward hadron calorimeter at MPD/NICA.	Mr STRIJAK, Alexander
17:45	[487] First tests of the ECAL detector at HADES experiment	Mr SHABANOV, Arseniy
18:00	[502] Study of RPC detector with different gas mixture compositions using HARDROC front-end ASIC	Mr PHOGAT, Aman
18:15	[503] Panda Muon System Prototype	Dr VERKHEEV, Alexander