

XXV International Baldin Seminar on High Energy Physics Problems "Relativistic Nuclear Physics and Quantum Chromodynamics"

Thursday, 21 September 2023

Parallel: Project NICA/MPD/SPD at JINR: Session III - 2nd floor auditorium (14:30 - 16:10)

time	[id] title	presenter
14:30	[111] New Developments in MPD Data Analysis Framework	HNATIC, Slavomir
14:50	[48] Development of the Vector Finder toolkit for track reconstruction in the BM@N experiment	ZINCHENKO, Dmitry
15:10	[129] Detailed Simulation of Inner Tracker for the first physics run in the BM@N experiment	Mr BARANOV, Dmitry
15:30	[70] Simulation of silicon detectors of the MiniSPD setup	BARLYKOV, Nurlan
15:50	[109] Generative machine learning approach for fast simulation of the Time Projection Chamber responses at the MPD detector	MOKHNENKO, Sergey

Parallel: Project NICA/MPD/SPD at JINR - 2nd floor auditorium (16:30 - 18:00)

time	[id] title	presenter
16:30	[160] The golden age of Dubna emulsion experiments.	VOKÁL, Stanislav
16:50	[75] Double spin correlations in elastic proton-proton and proton-neutron scattering at large angles in the reaction $dd \rightarrow pnpn$	UZIKOV, Yury
17:10	[47] Fast proton interaction with a short-range $\$NN\$$ correlation in $\$^{12}\mbox{C}\$$	LARIONOV, Alexei
17:40	[142] Prevalence of production of twisted particles in heavy-ion collisions	SILENKO, Alexander

Friday, 22 September 2023**Parallel: Project NICA/MPD/SPD at JINR: Session III - 2nd floor auditorium (09:00 - 10:40)**

time	[id] title	presenter
09:00	[132] Modern Microelectronics at NICA. To be or not to be?	Dr MURIN, Yuri
09:20	[116] Wide-gap Resistive Plate Chamber for the trigger system of the TOF MPD test bench.	SOKOLOVA, Sofiya
09:40	[30] Status of the Luminosity Detector for the NICA/MPD	MILNOV, Genadii
10:00	[152] Local polarimetry with inclusive neutral pions in SPD at NICA	SHTEJER, Katherin
10:20	[41] CALIBRATION METHODS FOR HALF-SECTORS OF THE MPD/NICA ELECTROMAGNETIC CALORIMETER ON COSMIC RAY MUONS	KULIKOV, Viacheslav

Parallel: Project NICA/MPD/SPD at JINR: Session III - 2nd floor auditorium (11:00 - 12:40)

time	[id] title	presenter
11:00	[77] Beams collision monitoring and luminosity measurements in the interaction point at MPD/NICA	LITVINENKO, Anatoly
11:20	[60] Centrality determination method based on observables from TPC and FHCAL at MPD/NICA	MUSIN, Sultan
11:40	[95] Energy calibration of Forward Hadron Calorimeter at MPD with cosmic muons	STRIZHAK, Alexander
12:00	[139] THE TOT METHOD WITH A PULSE SHAPER BASED ON THE MATHEMATICAL FUNCTION OF THE RAISED COSINE.	Dr USENKO, Evgeny
12:20	[161] Materials selection of the SPD Beam-Beam Counter scintillation detector prototype	ZAKHAROV, Arseniy