

13th Collaboration Meeting of the BM@N Experiment at NICA

Tuesday, October 8, 2024

Analysis meeting - Conference Hall, Bld.3 (11:30 AM - 1:00 PM)

-Conveners: Sergei Merts

time	[id] title	presenter
11:30 AM	[110] Status of data analysis on Lambda and KOS production in run 8	ZINCHENKO, Alexander
12:00 PM	[111] Analysis of Λ -hyperon production in carbon-nucleus run	ALISHINA, Ksenia
12:30 PM	[112] Lamba-production in p+p and C+C collisions at NICA energies	KOLESNIKOV, Vadim
12:40 PM	[113] Status of analysis of flow of Lambda hyperons in Xe+Cs(l) run	TROSHIN, Valery

Analysis meeting - Conference Hall, Bld.3 (2:00 PM - 3:40 PM)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
2:00 PM	[114] Study of neutron emission from target spectators in $^{124}\text{Xe} + \text{CsI}$ collisions at 3.8 A GeV	LASHMANOV, Nikita
2:20 PM	[115] Anisotropic flow of protons in Xe+Cs(l) collisions at 3.8 A GeV	MAMAEV, Mikhail
2:45 PM	[116] Baryon femtoscopy (status)	АЛЕКСЕЕВ, Петр
3:05 PM	[117] Bayesian approach for centrality determination in nucleus-nucleus collisions with forward hadron calorimeter at the BM@N experiment	IDRISOV, Dim
3:20 PM	[129] Centrality Determination in Xe+Cs(l) based on multiplicity	DEMANOV, Alexander

Wednesday, October 9, 2024

Analysis meeting - Conference Hall, Bld.3 (2:00 PM - 3:15 PM)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
2:00 PM	[119] Signal Charge Reconstruction and Slewing Correction Using the Time-over-Threshold Method for the Highly-Granular Neutron Detector of the BM@N Experiment	KARPUSHKIN, Nikolay
2:15 PM	[120] Performance of the Highly Granular Neutron Detector prototype in Xe+CsI@3.8 AGeV collisions at the BM@N experiment	ZUBANKOV, Aleksandr
2:30 PM	[121] Performance of the Scintillation Wall in the BM@N experiment	VOLKOV, Vadim
2:45 PM	[122] Phi meson signal observation in the BM@N experiment	BARAK, Ramin
2:55 PM	[123] Hypernuclei signal observation in the BM@N experiment	MERTS, Sergei

Analysis meeting - Conference Hall, Bld.3 (3:45 PM - 5:05 PM)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
3:45 PM	[130] Anisotropic flow at high-baryon density	TARANENKO, Arkadiy
4:10 PM	[126] Study of pileup in Xe+Cs(I) run (via Zoom)	GOLOSOV, Oleg
4:35 PM	[127] Determination of purity and efficiency of the clustering algorithm of neutron reconstruction with the HGND at the BM@N experiment, 15 min	SHABANOV, Arseniy
4:50 PM	[131] Machine Learning-based Neutron Reconstruction in the HGND at the BM@N experiment (via ZOOM)	BOCHARNIKOV, Vladimir