



# 10th Collaboration Meeting of the BM@N Experiment at the NICA Facility

## Monday, 15 May 2023

### Analysis meeting - Room 206 (11:55 - 13:00)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
11:55	[58] Proton and deuteron yields in the Ar run	KOVACHEV, Lalyo
12:20	[59] $\Lambda$ hyperon yields in 4.0 and 4.5 A GeV carbon-nucleus interactions	STEPANENKO, Yury
12:45	[60] ToF-400 calibration for negative particles in the Ar run	KHUKHAEVA, Anastasia

### Analysis meeting - Room 206 (14:30 - 15:45)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
14:30	[61] $\text{Pi}^+$ , $\text{Pi}^-$ reconstruction in the Ar run	MASHITSIN, Konstantin
14:45	[62] Event reconstruction in the Xe run	ZINCHENKO, Alexander
15:10	[63] BM@N simulation and reconstruction for the Xe run. Central tracker efficiency	MERTS, Sergei

## Tuesday, 16 May 2023

### Analysis meeting - Room 206 (14:30 - 16:00)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
14:30	[74] ToF-400 calibration in the Xe run	MAMAEV, Mikhail RUMYANTSEV, Mikhail
14:50	[83] Lambda simulation and reconstruction for the Xe run	BARAK, Ramin
15:05	[76] Outer tracker in the Xe run	ALEKSEEV, Petr
15:25	[78] Si beam tracker efficiency and vertex resolution in the Xe run	DRIUK, Andrei
15:40	[79] Hadron modification in heavy ion collisions	Dr MUSULMANBEKOV, Genis

### Analysis meeting - Room 206 (16:20 - 18:10)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
16:20	[80] On centrality determination in Xe run	SEGAL, Ilya
16:40	[81] On event plane and flow measurements in Xe run	MAMAEV, Mikhail
17:00	[82] Review of existing models and results on flow at the BM@N energy range	PARFENOV, Peter
17:20	[108] Status of baryon femtoscopy at BM@N	STAVINSKIY, Alexey KOVACHEV, Lalyo