Session Program

12–14 May 2026



16th Collaboration Meeting of the BM@N Experiment at NICA

Analysis Meeting

VBLHEP JINR, Conference Hall, Bld. 3

Tuesday 12 May

11:20

Analysis Meeting

Session | **Location:** VBLHEP JINR, Conference Hall, Bld. 3 | **Convener:** Sergei Merts

11:20–11:45 **Probing nuclear structure in fixed target experiments with heavy ions**

Speaker
Igor Pshenichnov

11:45–12:15 **Progress in the charged hadron analysis in Xe+CsI at 3.8A GeV**

Speaker
Vadim Kolesnikov

12:15–12:50 **Strangeness production analysis in Xe+CsI interactions**

Speaker
Alexander Zinchenko

13:00

14:00

Analysis Meeting

Session | **Location:** VBLHEP JINR, Conference Hall, Bld. 3 | **Convener:** Alexander Zinchenko

14:00–14:20 **Centrality determination methods in the BM@N experiment**

Speaker
Dim Idrisov

14:20–14:45 **Estimating the centrality of Xe_CsI collisions at 3.8A GeV**

Speaker
Valery Troshin

14:45–15:05 **Baryon femtoscopy in 3.2 AGeV argon-nucleus interactions**

Speaker
Petr Alekseev

15:05–15:25 **Lambda-p and Lambda-d correlation functions for Xe+CsI collisions**

Speaker
Vasiliy Plotnikov

15:30

Wednesday 13 May

14:00

Analysis Meeting

Session | **Location:** VBLHEP JINR, Conference Hall, Bld. 3 | **Convener:** Alexander Zinchenko

14:00–14:30

Directed and elliptic flow of protons and deuterons in Xe+CsI collisions at the beam energy of 3.8A GeV

Speaker
Mikhail Mamaev

14:30–14:45 **On the measurement of p,d in Xe+CsI interactions**

Speaker
Mikhail Kapishin

14:45–15:00 **Status of hypertriton reconstruction in run-8,**

Speaker
Sergei Merts

15:00–15:15 **Status of phi(1020) reconstruction in run-8**

Speaker
Ramin Barak

15:15–15:30 **K*(892) reconstruction in BM@N Run 8**

Speaker
Anatoli Aleksandrov

15:30

16:00

Analysis Meeting

Session | **Location:** VBLHEP JINR, Conference Hall, Bld. 3 | **Convener:** Sergei Merts

16:00–16:20 **Analysis of neutron spectra at large angles for Xe + CsI collisions at 3.8 A GeV**

Speaker
Vladimir Yurevich

16:20–16:40 **Status of the analysis of spectator neutron yields in Run 8**

Speaker
Aleksandr Zubankov

16:40–17:00 **Neutron measurements with the TOF spectrometer in BM@N Run 9**

Speaker
Nikita Lashmanov

17:00–17:20

Reconstruction of neutron spectra with the HGND at the BM@N: optimizing absorber placement and thickness

Speaker
Arseniy Shabanov

17:20–17:40 **TOF systems calibration in run 9 data**

Speaker
Mikhail Rumyantsev

17:40–18:00 **Status of Charged Fragments Analysis in the Scintillation Wall & Run9 QA**

Speaker
Vadim Volkov

18:00