Program

24 February 2026 to 2 March 2026

Analysis and Detector Meeting of the BM@N Experiment at NICA

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Tuesday 24 February

09:30 – 13:00
Arrival in Dombay
Session

13:00 – 14:00
Lunch (Moscow–Nevinnomysskaya Group)
Break | **Location:** Snezhny Bars Hotel, Canteen

14:00 – 19:00
Arrival in Dombay
Session

18:00 – 19:00
Dinner. Group 1
Break

19:00 – 20:00
Dinner. Group 2
Break | **Location:** Snezhny Bars Hotel, Canteen

Wednesday 25 February

08:00 – 08:30
Breakfast. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

08:30 – 09:00
Breakfast. Group 2
Break | **Location:** Snezhny Bars Hotel, Canteen

09:00 – 13:00
Free Time
Session

13:00 – 13:30
Lunch. Group 1
Break | **Location:** Snezhny Bars Hotel

13:30 – 14:00
Lunch. Group 2
Break | **Location:** Snezhny Bars Hotel

14:00 – 14:30
Registration
Session | **Location:** Snezhny Bars Hotel

14:30 – 15:55
Analysis Meeting
Session | **Location:** Snezhny Bars Hotel | **Convener:** Mikhail Zavertyaev

14:30–14:55 **Status of the BM@N Setup in Run 9**

Speaker
Semen Piyadin

14:55–15:25 **The status of the MPD experiment and its synergy with BM@N**

Speaker
Victor Riabov

15:25–15:55 **Status of strangeness production analysis in Run 8 (Xe+CsI) (ONLINE)**

Speaker
Alexander Zinchenko

15:55 – 16:00
Photo
Contribution | **Location:** Snezhny Bars Hotel

16:00 – 16:20
Coffee Break
Break | **Location:** Snezhny Bars Hotel, Conference Hall

16:20

Analysis Meeting

Session | **Location:** Snezhny Bars Hotel, Conference Hall | **Convener:** Mikhail Zavertyaev

16:20–17:00 **Discussion on data monitoring in Run 9**

Speakers
Alexander Zinchenko, Ilnur Gabdrakhmanov, Mikhail Rumyantsev, Sergei Merts, Василий Плотников

17:00–17:20 **Directed end elliptic flow of protons in Xe+CsI collisions at 3.8A GeV**

Speaker
Mikhail Mamaev

17:20–17:40 **Updates on directed flow deuterons in RUN8 data**

Speaker
Irina Zhavoronkova

17:40–18:00 **Progress in the analysis of π^+, K^+, and p production in Xe+CsI collisions at 3.8A GeV**

Speaker
Vadim Kolesnikov

18:10

18:30

Dinner. Group 1

Break | **Location:** Snezhny Bars Hotel, Canteen

19:00

19:00

Dinner. Group 2

Break | **Location:** Snezhny Bars Hotel, Canteen

19:30

Thursday 26 February

08:00 – 08:30
Breakfast. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

08:30 – 09:00
Breakfast. Group 2
Break | **Location:** Snezhny Bars Hotel, Canteen

09:00 – 13:00
Free Time
Session

13:00 – 13:30
Lunch. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

13:30 – 14:00
Lunch. Group 2
Break | **Location:** Snezhny Bars Hotel, Canteen

14:00
Analysis Meeting
Session | **Location:** Snezhny Bars Hotel, Conference Hall | **Convener:** Vadim Kolesnikov

14:00–14:20 **DCM-QGSM-SMM: Current and Future**

Speaker
Genis Musulmanbekov

14:20–14:35 **Status of phi(1020) reconstruction in RUN-8**

Speaker
Ramin Barak

14:35–14:50 **Status of hypernuclei reconstruction in RUN-8 (ONLINE)**

Speaker
Sergei Merts

14:50–15:05 **Incomplete Lambda reconstruction**

Speaker
Mikhail Zavertyaev

15:05–15:20 **MpdVertex Algorithm for Finding Multiple Vertices in an Even**

Speaker
Vasiliy Plotnikov

15:20–15:35 **Correlation Functions for Xe+CsI collisions**

Speaker
Vasiliy Plotnikov

15:35–15:50
Alignment of TOF and CSC Chambers (Particle & Momentum Dependent) and TOF Efficiencies (ONLINE)

Speaker
Lalyo Kovachev

15:50

15:50

Coffee Break

Break | **Location:** Snezhny Bars Hotel, Conference Hall

16:10

16:10

Analysis Meeting

Session | **Location:** Snezhny Bars Hotel, Conference Hall | **Convener:** Vadim Kolesnikov

16:10–16:20 **Status of TOF systems**

Speaker
Mikhail Rumyantsev

16:20–16:30 **Status of the Analysis of Λ Pair Production in Xe+Cs Collisions**

Speaker
Kseniya Alishina

16:30–16:45 **Measurements of spectator neutron yields by the HGND prototype**

Speaker
Aleksandr Zubankov

16:45–17:00 **Algorithm of reconstruction of neutron spectra with HGND**

Speaker
Arseniy Shabanov

17:00–17:15 **ML-based neutron reconstruction in the HGND**

Speaker
Vladimir Bocharnikov

17:15

18:30

Dinner. Group 1

Break | **Location:** Snezhny Bars Hotel, Canteen

19:00

19:00

Dinner. Group 2

Break | **Location:** Snezhny Bars Hotel, Canteen

19:30

Friday 27 February

08:00 – 08:30

Breakfast. Group 1

Break | **Location:** Snezhny Bars Hotel, Canteen

08:30 – 09:00

Breakfast. Group 2

Break | **Location:** Snezhny Bars Hotel, Canteen

09:00 – 13:00

Free Time

Session

13:00 – 13:30

Lunch. Group 1

Break | **Location:** Snezhny Bars Hotel, Canteen

13:30 – 14:00

Lunch. Group 2

Break | **Location:** Snezhny Bars Hotel, Canteen

14:00

Detector Meeting

Session | **Location:** Snezhny Bars Hotel, Conference Hall | **Convener:** Semen Piyadin

14:00–14:15 **Upgrade and performance of the trigger detectors**

Speaker
Valyo Velichkov

14:15–14:30 **Trigger T0U module**

Speaker
Pavel Grigoriev

14:30–14:45
Current status of Si-based detector systems after the training run (January 18 – February 9, 2026)

Speaker
Danil Chemezov

14:45–15:00 **Design status of the coordinate plane No. 5 (FSD) based on silicon detectors**

Speaker
Oleg Tarasov

15:00–15:15 **Status of the VSP detector**

Speaker
Dmitry Dementiev

15:15–15:35 **Readiness of the forward detectors for data taking at BM@N**

Speaker
Sergey Morozov

15:35–15:50 **Status of the HGND development**

Speaker
Dmitry Finogeev

15:50

15:50

Coffee Break

Break | **Location:** Snezhny Bars Hotel, Conference Hall

16:10

16:10

Detector Meeting

Session | **Location:** Snezhny Bars Hotel, Conference Hall | **Convener:** Semen Piyadin

16:10–16:25 **Forward Quartz Hodoscope at BM@N: period 8 results and 2026 test data review**

Speaker
Nikolay Karpushkin

16:25–16:40 **ScWall: Analysis of Charged Fragments Spectators Yields and Spectra**

Speaker
Vadim Volkov

16:40–16:55 **Software development for operation and data acquisition of the HGND at BM@N**

Speaker
Sultan Musin

16:55–17:15 **DAQ Status**

Speaker
Ivan Filippov

17:15–17:30
Verification and perfomance of full-scale active layers of the Highly-GranularNeutron Detector for the BM@N experiment

Speaker
Aleksandr Makhnev

17:30

18:30

Dinner. Group 1

Break | **Location:** Snezhny Bars Hotel, Canteen

19:00

19:00

Dinner. Group 2

Break | **Location:** Snezhny Bars Hotel, Canteen

19:30

Saturday 28 February

08:00 – 08:30
Breakfast. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

08:30 – 09:00
Breakfast. Group 2
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09:00 – 13:00
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Break | **Location:** Snezhny Bars Hotel, Canteen

14:00 – 15:50
Software Meeting
Session | **Location:** Snezhny Bars Hotel, Conference Hall | **Convener:** Konstantin Gertsenberger

14:00–14:20 **BM@N Distributed computing readiness for Run 9**

Speaker
Igor Pelevanyuk

14:20–14:40 **Development of the Data Management System for the BM@N experiment**

Speaker
Igor Zhironkin

14:40–15:00 **Status of the BM@N Data Quality Monitoring System Prototype**

Speaker
Igor Alexandrov

15:00–15:15 **Online processing systems for BM@N Run 9 (ONLINE)**

Speaker
Ilya Romanov

15:15–15:30 **Evolution of the Configuration and Geometry Systems**

Speaker
Evgeny Alexandrov

15:30–15:50
Geometrical alignment of the STS and GEM detectors for BM@N data with zero magnetic field (ONLINE)

Speaker
Zarif Sharipov

15:50 – 15:50
Coffee Break

Break | **Location:** Snezhny Bars Hotel, Conference Hall

16:10

16:10

Software Meeting

Session | **Location:** Snezhny Bars Hotel, Conference Hall | **Convener:** Konstantin Gertsenberger

16:10–16:30

Engineering and Managing Data Center Infrastructure for Real-Time Physics Experiments at NICA

Speaker
Ilya Slepnev

16:30–16:45 **New features and options in the BM@N software infrastructure (ONLINE)**

Speaker
Alexander Chebotov

16:45–17:15 **BM@N Software for Run 9 data processing**

Speaker
Konstantin Gertsenberger

17:15–18:15 **Discussion on BM@N Software and Computing**

18:15

19:00

Collaboration Dinner

Session | **Location:** Hotel and Restaurant Krystal, Карачаевская ул., 103, Домбай, Карачаево-Черкесская Республика

23:00

Sunday 1 March

08:00 – 08:30
Breakfast. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

08:30 – 09:00
Breakfast. Group 2
Break

09:00 – 13:00
Free Time
Session

13:00 – 13:30
Lunch. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

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14:00 – 18:30
Free Time
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18:30 – 19:00
Dinner. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

19:00 – 19:30
Dinner. Group 2
Break | **Location:** Snezhny Bars Hotel, Canteen

Monday 2 March

08:00 – 08:30
Breakfast. Group 2
Break | **Location:** Snezhny Bars Hotel, Canteen

08:30 – 09:00
Breakfast. Group 1
Break | **Location:** Snezhny Bars Hotel, Canteen

09:00 – 13:00
Departure
Session

13:00 – 14:00
Lunch (Nevinnomysskaya–Moscow Group)
Break | **Location:** Snezhny Bars Hotel, Canteen

14:00 – 18:00
Departure
Session