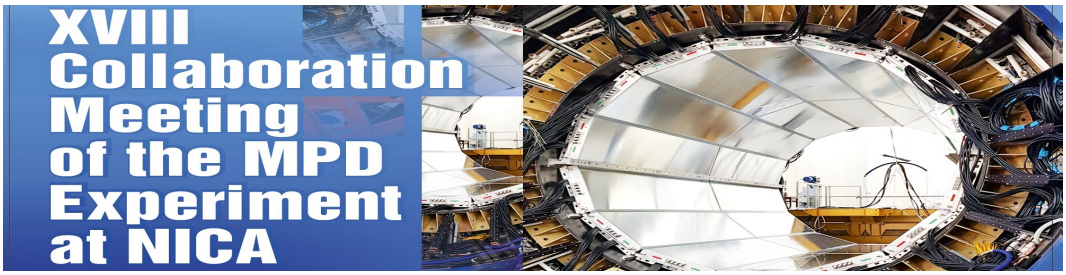
Program

Oct 20 – 22, 2026



XVIII MPD Collaboration Meeting

VBLHEP, JINR, Conference Hall

Tue, October 20

9:00 AM **Tue, October 20** 9:00 – 9:30 AM

Bus (hotel Dubna <---> VBLHEP)

Session | **Location:** Hotel "Dubna"

9:30 AM

9:30 AM **Tue, October 20** 9:30 – 10:00 AM

Registration

Session | **Location:** VBLHEP, JINR, Conference Hall

10:00 AM

10:00 AM **Tue, October 20** 10:00 – 11:25 AM

MPD General Reports: General Session 1 / Welcome

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Arkadiy TARANENKO (VBLHEP JINR)

10:00 – 10:15 AM **Welcome and Opening**

10:15 – 10:45 AM **Construction and commissioning of the NICA Complex**

Speaker
Evgeny SYRESIN (Joint Institute for Nuclear Researches)

10:45 – 11:05 AM **MPD Collaboration status**

Speaker
Victor RIABOV (PNPI)

11:05 – 11:25 AM **Status of the MPD Integration**

Speaker
Viacheslav GOLOVATYUK

11:25 AM

11:25 AM **Tue, October 20** 11:25 – 11:35 AM

Photo

Break | **Location:** VBLHEP, JINR, Conference Hall

11:35 AM

11:35 AM **Tue, October 20** 11:35 AM – 12:00 PM

Coffee Break

Break | **Location:** VBLHEP, JINR, Conference Hall

12:00 PM

12:00 PM **Tue, October 20** 12:00 – 1:00 PM

MPD General Reports: General Session 2

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Victor RIABOV (PNPI)

12:00 – 12:30 PM **Results of the Magnetic field measurement (ONLINE)**

Speaker
Evgeny ANTOKHIN (Budker Institute of Nuclear physics)

12:30 – 1:00 PM **Status of the MPD software**

Speaker
Oleg ROGACHEVSKY (JINR)

1:00 PM

1:00 PM **Tue, October 20** 1:00 – 2:00 PM

Lunch

Break | **Location:** VBLHEP, JINR, Conference Hall

2:00 PM

2:00 PM **Tue, October 20** 2:00 – 2:30 PM

MPD General Reports: General Session 3

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Victor RIABOV (PNPI)

2:00 – 2:30 PM

Calculation of the magnetic field maps for the superconducting solenoid of the MPD detector

Speaker
Vyacheslav KLYUKHIN (НИИЯФ МГУ)

2:30 PM

2:30 PM **Tue, October 20** 2:30 – 3:00 PM

Technical break

Break | **Location:** VBLHEP, JINR, Conference Hall

3:00 PM

3:00 PM **Tue, October 20** 3:00 – 5:00 PM

Institutional Board

Session | **Location:** VBLHEP, LHEP-215/241 - комната видеоконференций | **Convener:** Alejandro AYALA (Instituto de Ciencias Nucleares, Universidad Nacional Autónoma de México)

3:00 – 5:00 PM **IB meeting**

Speaker
Alejandro AYALA (Instituto de Ciencias Nucleares, Universidad Nacional Autónoma de México)

5:00 PM

5:00 PM **Tue, October 20** 5:00 – 5:20 PM

Bus (hotel Dubna <---> VBLHEP)

Session | **Location:** VBLHEP, JINR, Conference Hall

5:20 PM

Wed, October 21

9:30 AM **Wed, October 21** 9:30 – 9:50 AM

Bus (hotel Dubna <---> VBLHEP)

Session | **Location:** VBLHEP, JINR, Conference Hall

9:50 AM

9:50 AM **Wed, October 21** 9:50 – 11:00 AM

Excursion to MPD Hall for local participants

Session | **Location:** VBLHEP, MPD Hall | **Conveners:** Viacheslav GOLOVATYUK (JINR), Konstantin MUKHIN (Joint Institut for Nuclear Research)

11:00 AM

11:00 AM **Wed, October 21** 11:00 AM – 1:05 PM

MPD Detector, Software and Computing Status: Session 1

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Victor RIABOV (JINR)

11:00 – 11:25 AM TPC Assembling

Speaker
Sergey MOVCHAN (JINR)

11:25 – 11:50 AM TOF status

Speaker
Vadim BABKIN (Joint Institute for Nuclear Research)

11:50 AM – 12:15 PM Status of the ECal

Speaker
Andrei SEMENOV (JINR)

12:15 – 12:40 PM Status of the FHCAL

Speaker
Dmitry FINOGEEV (INR RAS)

12:40 – 1:05 PM TPC and ECAL cooling system

Speaker
Alexander FEDOTOV (INP BSU, Minsk)

1:05 PM

1:05 PM **Wed, October 21** 1:05 – 2:00 PM

Lunch

Break | **Location:** VBLHEP, JINR, Conference Hall

2:00 PM

2:00 PM **Wed, October 21** 2:00 – 3:20 PM

MPD Detector, Software and Computing Status: Session 2

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Dmitri PERESUNKO (NRC "Kurchatov institute")

2:00 – 2:25 PM **Status of the FFD**

Speaker
Sergey SEDYKH (JINR)

2:25 – 2:50 PM **The ITS progress review**

Speaker
Yury MURIN (JINR)

2:50 – 3:20 PM **ACTS based TPC reconstruction with TOF & PID ML**

Speaker
Slavomir HNATIC (JINR)

3:20 PM

3:20 PM **Wed, October 21** 3:20 – 3:50 PM

Coffee break

Break | **Location:** VBLHEP, JINR, Conference Hall

3:50 PM

3:50 PM **Wed, October 21** 3:50 – 4:30 PM

MPD Detector, Software and Computing Status: Session 3

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Oleg ROGACHEVSKY (JINR)

3:50 – 4:30 PM **MPD online data monitoring: current tasks and workflow**

Speaker
Alexander KRYLOV (JINR)

4:30 PM

4:30 PM **Wed, October 21** 4:30 – 4:50 PM

Bus (hotel Dubna <---> VBLHEP)

Session | **Location:** VBLHEP, JINR, Conference Hall

4:50 PM

7:00 PM **Wed, October 21** 7:00 – 10:00 PM

Collaboration Dinner

Break | **Location:** Restaurant "Dubna", Vekslera Str., 8

10:00 PM

Thu, October 22

9:00 AM **Thu, October 22** 9:00 – 9:30 AM

Bus (hotel Dubna <---> VBLHEP)

Session | **Location:** VBLHEP, JINR, Conference Hall

9:30 AM

9:30 AM **Thu, October 22** 9:30 – 11:00 AM

MPD Physics session: Physics 1

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Peter PARFENOV (JINR, NRNU MEPhI)

9:30 – 10:00 AM **Directed Flow of Vector Mesons in the High Baryon Density Region at RHIC (ONLINE)**

Speaker
Guangyu ZHENG (University of Chinese Academy of Sciences)

10:00 – 10:30 AM **Recent Studies of Light Hypernuclei in the RHIC-STAR BES Program**

Speaker
Tianhao SHAO

10:30 – 11:00 AM **Physics Highlights from BM@N: Setting the Stage for First MPD Results**

Speaker
Vadim KOLESNIKOV (VBLHEP, JINR)

11:00 AM

11:00 AM **Thu, October 22** 11:00 – 11:30 AM

Coffee break

Break | **Location:** VBLHEP, JINR, Conference Hall

11:30 AM

11:30 AM **Thu, October 22** 11:30 AM – 12:50 PM

MPD Physics session: Physics 2

Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Peter PARFENOV (JINR, NRNU MEPhI)

11:30 – 11:50 AM **PWG1 summary**

Speaker
Peter PARFENOV (JINR, NRNU MEPhI)

11:50 AM – 12:10 PM **PWG2 Summary**

Speaker
Viktar KIREYEU (Joint Institute for Nuclear Research)

12:10 – 12:30 PM **PWG3 Summary**

Speaker
Arkadiy TARANENKO (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute))

12:30 – 12:50 PM **PWG4 Summary**

Speaker
Dmitri PERESUNKO (NRC "Kurchatov institute")

12:50 PM

12:50 PM **Thu, October 22** 12:50 – 2:00 PM

Lunch
Break | **Location:** VBLHEP, JINR, Conference Hall

2:00 PM

2:00 PM **Thu, October 22** 2:00 – 3:00 PM

MPD Physics session: Physics 3
Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Arkadiy TARANENKO (VBLHEP JINR)

2:00 – 2:30 PM
Transitioning from Simulations to Real Data: Technical Challenges and experience of the BM@N Experiment
Speaker
Mikhail MAMAEV (JINR)

2:30 – 3:00 PM
Forward upgrade for the MPD
Speaker
Nazar BURMASOV (JINR, PNPI)

3:00 PM

3:00 PM **Thu, October 22** 3:00 – 3:30 PM

Coffee break
Break | **Location:** VBLHEP, JINR, Conference Hall

3:30 PM

3:30 PM **Thu, October 22** 3:30 – 4:30 PM

MPD Physics session: Physics 4
Session | **Location:** VBLHEP, JINR, Conference Hall | **Convener:** Victor RIABOV (PNPI)

3:30 – 4:00 PM
Collision Energy and System Size Dependent Radial Flow Fluctuations at RHIC (ONLINE)
Speaker
Zaining WANG

4:00 – 4:30 PM
Open discussions

4:30 PM

4:30 PM **Thu, October 22** 4:30 – 4:50 PM

Bus (hotel Dubna <---> VBLHEP)
Session | **Location:** VBLHEP, JINR, Conference Hall

4:50 PM