

XIII Collaboration Meeting of the MPD Experiment at the NICA Facility

Tuesday, April 23, 2024 - Thursday, April 25, 2024

**VBLHEP, JINR
Program**

Tuesday, April 23, 2024

Bus (hotel Dubna <--> VBLHEP) - Hotel "Dubna" (10:00 AM - 10:20 AM)

Registration - Conference Hall (10:30 AM - 11:00 AM)

MPD General Reports: General Session 1 / Welcome - Conference Hall (11:00 AM - 12:25 PM)

-Conveners: Arkadiy Taranenko

time	title	presenter
11:00 AM	Welcome	KEKELIDZE, Vladimir
11:15 AM	Construction and commissioning of the NICA Complex	SYRESIN, Evgeny
11:45 AM	MPD Collaboration status	RIABOV, Victor
12:05 PM	Status of the MPD Integration	GOLOVATYUK, Viacheslav

Photo - Conference Hall (12:25 PM - 12:35 PM)

Coffee Break - Conference Hall (12:35 PM - 1:00 PM)

MPD General Reports: General Session 2 - Conference Hall (1:00 PM - 3:05 PM)

-Conveners: Alejandro Ayala

time	title	presenter
1:00 PM	Magnetic field measurement	ANTOKHIN, Evgeny
1:20 PM	TPC Assembling	MOVCHAN, Sergey
1:50 PM	TOF Status	БАБКИН, Вадим
2:15 PM	ECAL mass production	SEMENOV, Andrei
2:40 PM	The progress of ECal production in China	LI, Linmao WANG, Yi

Coffee Break - Conference Hall (3:05 PM - 3:30 PM)

MPD General Reports: General Session 3 - Conference Hall (3:30 PM - 6:30 PM)

-Conveners: Victor Riabov

time	title	presenter
3:30 PM	Status of the FHCAL	IVASHKIN, Alexander
3:50 PM	Status of the FFD	YUREVICH, Vladimir
4:10 PM	MPD DAQ & Trigger	SHCHIPUNOV, Andrey
4:30 PM	Mechanics for the beam pipe, FFD and ITS, integration with TPC	MURIN, Yuri
4:50 PM	Realization of the Electronics Platform project	FEDIUNIN, Alexander
5:15 PM	Status of the Beam Luminosity Detector for MPD	MILNOV, Genadii
5:40 PM	TPC and ECAL cooling system: status	FEDOTOV, Alexander
6:00 PM	Status of TPC LV, TPC GATE systems and FE cards tests	GALKIN, Yaroslav
6:15 PM	TPC rails and TPC installation tooling status	SAVITSKIY, Sergey

Bus (hotel Dubna <---> VBLHEP) - Conference Hall (6:30 PM - 6:50 PM)

Wednesday, April 24, 2024

Bus (hotel Dubna <---> VBLHEP) - Conference Hall (9:00 AM - 9:30 AM)

Excursion to MPD Hall for local participants - NICA construction site (9:30 AM - 11:00 AM)

MPD Detector, Software and Computing Status: Computing - Conference Hall (11:00 AM - 12:50 PM)

-Conveners: Oleg Rogachevsky; Victor Riabov

time	title	presenter
11:00 AM	MPD software status: towards real experiment	ROGACHEVSKY, Oleg
11:30 AM	Integration of JupyterLab and ACTS tracker into MPDRoot	HNATIC, Slavomir
11:50 AM	The issue of functional division of automated systems in experimental facilities	BALDIN, Nikita
12:10 PM	Central DCS. Run Control Concept.	SERGEEV, Sergey
12:30 PM	MPD Event Display - road to the real experiment	KRYLOV, Alexander

Coffee Break - Conference Hall (12:50 PM - 1:20 PM)

MPD Detector, Software and Computing Status: Computing - Conference Hall (1:20 PM - 3:00 PM)

time	title	presenter
1:20 PM	Misalignment influence on the track reconstruction in MPD TPC	KUZMIN, Valentin
1:40 PM	Simulation of a mini beam-beam detector for the MPD	MALDONADO, Ivonne
2:00 PM	Filtering track candidates in TPC track reconstruction	ERKENOVA, Jamilya
2:20 PM	Simulation and position optimization of real laser emitters for TPC calibration system	BYCHKOV, Alexander
2:40 PM	Open discussion on MPD computing	

Technical and coffee break - Conference Hall (3:00 PM - 3:20 PM)

Institutional Board - Conference Hall (3:20 PM - 6:00 PM)

time	title	presenter
3:20 PM	IB meeting	AYALA, Alejandro

Bus (hotel Dubna <---> VBLHEP) - Conference Hall (6:00 PM - 6:25 PM)

Collaboration Dinner (7:00 PM - 10:00 PM)

Thursday, April 25, 2024

Bus (hotel Dubna <--> VBLHEP) - Conference Hall (10:30 AM - 10:50 AM)

MPD Physics session: Physics 1 - Conference Hall (11:00 AM - 5:30 PM)

-Conveners: Alexander Zinchenko; Grigory Feofilov; Vadim Kolesnikov

time	title	presenter
11:00 AM	JINR Digital Ecosystem: project status and perspectives	BELOV, Sergey
11:30 AM	STAR J/psi and strangeness results in BES	YANG, Shuai
12:00 PM	PWG1 Summary	FEOFILOV, Grigory
12:20 PM	Electromagnetic dissociation of nuclei at NICA	PSHENICHNOV, Igor
12:50 PM	PWG2 Summary	KOLESNIKOV, Vadim
1:10 PM	Coffee break	
1:40 PM	Production of nuclei in heavy-ion collisions at GeV-energies	BUYUKCIZMECI, Nihal
2:10 PM	PWG3 Summary	TARANENKO, Arkadiy
2:30 PM	Anisotropic flow measurements at Nuclotron-NICA and equation of State	PARFENOV, Peter
3:00 PM	PWG4 Summary	PERESUNKO, Dmitri
3:20 PM	Dielectrons at NICA	RODE, Sudhir Pandurang
3:50 PM	Coffee break	
4:20 PM	Light hadron and (hyper)nuclei production by RHIC-STAR	LIU, Hui
4:50 PM	PWG5 Summary	ZINCHENKO, Alexander
5:10 PM	Open discussions	

Bus (hotel Dubna <--> VBLHEP) - Conference Hall (5:30 PM - 5:50 PM)