

XIV MPD Collaboration Meeting

Monday, October 14, 2024 - Wednesday, October 16, 2024

**VBLHEP, JINR
Program**

Monday, October 14, 2024

Bus (hotel Dubna <---> VBLHEP) - Hotel "Dubna" (9:15 AM - 9:30 AM)

Registration - Conference Hall (9:30 AM - 10:00 AM)

MPD General Reports: General Session 1 / Welcome - Conference Hall (10:00 AM - 11:25 AM)

-Conveners: Arkadiy Taranenko

time	title	presenter
10:00 AM	Welcome	NEDELKO, Sergei
10:15 AM	Construction and commissioning of the NICA Complex	SYRESIN, Evgeny
10:45 AM	MPD Collaboration status	RIABOV, Victor
11:05 AM	Status of the MPD Integration	GOLOVATYUK, Viacheslav

Photo - Conference Hall (11:25 AM - 11:35 AM)

Coffee Break - Conference Hall (11:35 AM - 12:00 PM)

MPD General Reports: General Session 2 - Conference Hall (12:00 PM - 1:00 PM)

-Conveners: Arkadiy Taranenko

time	title	presenter
12:00 PM	Status of the MPD Solenoid	MUKHIN, Konstantin
12:20 PM	Magnetic field measurement	ANTOKHIN, Evgeny
12:40 PM	TPC Assembling	MOVCHAN, Sergey

Lunch - Conference Hall (1:00 PM - 2:00 PM)

MPD General Reports: General Session 3 - Conference Hall (2:00 PM - 3:40 PM)

-Conveners: Alejandro Ayala

time	title	presenter
2:00 PM	TOF Status	BABKIN, Vadim
2:20 PM	Status of the ECal	TYAPKIN, Igor
2:40 PM	The progress of ECal production in China	LI, Linmao
3:00 PM	Status of the FHCAL	IVASHKIN, Alexander
3:20 PM	Status of the FFD	SEDYKH, Sergey

Coffee Break - Conference Hall (3:40 PM - 4:10 PM)

MPD General Reports: General Session 4 - Conference Hall (4:10 PM - 5:30 PM)

-Conveners: Victor Riabov

time	title	presenter
4:10 PM	Mechanics for the beam pipe, FFD and ITS, integration with TPC	MURIN, Yury
4:30 PM	MPD Trigger electronics	SHIPUNOV, Andrey

4:50 PM	Status of MPD DCS	SERGEEV, Sergey
5:10 PM	TPC and ECAL cooling system: status	FEDOTOV, Alexander

Bus (hotel Dubna <---> VBLHEP) - Conference Hall (5:35 PM - 5:55 PM)

Tuesday, October 15, 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)

-Conveners: Viacheslav Golovatyuk

MPD Detector, Software and Computing Status: Session 1 - Conference Hall (11:00 AM - 1:00 PM)

-Conveners: Victor Riabov

time	title	presenter
11:00 AM	LIT resources and services for the MPD experiment	PELEVANYUK, Igor
11:30 AM	MPD Software status	ROGACHEVSKY, Oleg
12:00 PM	Progress in implementation of ACTS tracker into MPDRoot	HNATIC, Slavomir
12:20 PM	Progress on MiniBeBe detector for the MPD	MALDONADO, Ivonne
12:40 PM	QA histograms for MPD TPC monitoring	KRYLOV, Alexander

Lunch - Conference Hall (1:00 PM - 2:00 PM)

MPD Detector, Software and Computing Status: Session 2 - Conference Hall (2:00 PM - 3:10 PM)

-Conveners: Oleg Rogachevsky

time	title	presenter
2:00 PM	Ambiguity Resolution in TPC track reconstruction	KOZMIN, Iliia
2:20 PM	Data flow simulation for MPD	BYCHKOV, Alexander
2:40 PM	Open discussion on MPD computing	

Technical and coffee break - Conference Hall (3:10 PM - 3:40 PM)

Institutional Board - Conference Hall (3:40 PM - 5:40 PM)

time	title	presenter
3:40 PM	IB meeting	AYALA, Alejandro

Bus (hotel Dubna <--> VBLHEP) - Conference Hall (5:40 PM - 6:10 PM)

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

Wednesday, October 16, 2024

Bus (hotel Dubna <--> VBLHEP) - Conference Hall (9:00 AM - 9:20 AM)

MPD Physics session: Physics 1 - Conference Hall (9:30 AM - 11:00 AM)

-Conveners: Alexander Zinchenko

time	title	presenter
9:30 AM	Recent measurements on Strangeness/Hyper nuclei	ZHU, Xianglei
10:00 AM	EM probes in heavy-ion collisions at NICA/STAR-BES	YE, Zaochen
10:30 AM	Global polarization and spin alignment measurements in heavy-ion collisions at RHIC and the LHC	CHEN, Jinhui

Coffee break - Conference Hall (11:00 AM - 11:30 AM)

MPD Physics session: Physics 2 - Conference Hall (11:30 AM - 1:00 PM)

-Conveners: Grigory Feofilov

time	title	presenter
11:30 AM	Recent results of experimental/theoretical study on CEP	LUO, Xiaofeng
12:00 PM	PWG-1 summary	PARFENOV, Peter
12:20 PM	PWG2 Summary	KOLESNIKOV, Vadim
12:40 PM	PWG3 Summary	TARANENKO, Arkadiy

Lunch - Conference Hall (1:00 PM - 2:00 PM)

MPD Physics session: Physics 3 - Conference Hall (2:00 PM - 3:50 PM)

-Conveners: Vadim Kolesnikov

time	title	presenter
2:00 PM	Nucleosynthesis of exotic nuclei and hypernuclei in expanding nuclear matter after relativistic collisions	BOTVINA, A.
2:30 PM	PWG4 Summary	PERESUNKO, Dmitri
2:50 PM	Dielectrons at NICA	RODE, Sudhir Pandurang
3:20 PM	Anisotropic flow at high baryon density	TARANENKO, Arkadiy

Coffee break - Conference Hall (3:50 PM - 4:20 PM)

MPD Physics session: Physics 4 - Conference Hall (4:20 PM - 5:20 PM)

-Conveners: Victor Riabov

time	title	presenter
4:20 PM	Forward upgrade for the MPD	KRYSHEN, Evgeny
4:50 PM	Open discussions	

Bus (hotel Dubna <--> VBLHEP) - Conference Hall (5:25 PM - 5:45 PM)