

# **X Collaboration Meeting of the MPD Experiment at the NICA Facility**

**Tuesday, 8 November 2022 - Thursday, 10 November 2022**

**VBLHEP, JINR  
Programme**

# Tuesday 08 November 2022

**Bus (hotel <--> VBLHEP) - Hotel "Dubna" (11:00-11:20)**

**Registration - Conference Hall (11:30-12:00)**

**MPD General Reports: General Session 1 / Welcome - Conference Hall (12:00-13:20)**

**-Conveners: Arkadiy Taranenko**

time	title	presenter
12:00	Welcome	KEKELIDZE, Vladimir
12:10	Construction and commissioning of the NICA Complex	SIDORIN, Anatoly
12:40	MPD Collaboration Status	RIABOV, Victor
13:00	Status of the MPD Integration	GOLOVATYUK, Viacheslav

**Photo - Conference Hall (13:20-13:30)**

**Coffee Break - Conference Hall (13:30-14:00)**

**MPD General Reports: General Session 2 - Conference Hall (14:00-16:30)**

**-Conveners: Alejandro Ayala**

time	title	presenter
14:00	Progress of the Solenoid preparation for cooling. Engineering systems in the MPD Hall.	MUKHIN, Konstantin
14:30	Magnetic field measurement	LOBANOV, Yury
14:50	TPC Assembling	MOVCHAN, Sergey
15:15	TOF Status	BABKIN, Vadim
15:40	ECAL mass production	TYAPKIN, Igor
16:05	The progress of ECal production in China	WANG, Yi

**Coffee Break - Conference Hall (16:30-17:00)**

**MPD General Reports: General Session 3 - Conference Hall (17:00-19:10)**

**-Conveners: Victor Riabov**

time	title	presenter
17:00	Status of the FHCAL	IVASHKIN, Alexander
17:20	Status of the FFD	YUREVICH, Vladimir
17:40	DAQ of the MPD	SLEPNEV, Ilia
18:00	Mechanics for the beam pipe, FFD and ITS	MURIN, Yuri
18:20	Realization of the Electronics Platform project	FEDIUNIN, Alexander
18:45	Detector for beams collision monitoring and luminosity measurements in the interaction point	LITVINENKO, Anatoly

**Bus (hotel <--> VBLHEP) - Conference Hall (19:10-19:30)**

# Wednesday 09 November 2022

## Bus (hotel <---> VBLHEP) - Conference Hall (09:40-10:00)

## Excursion to MPD Hall for local participants - NICA construction site (10:00-12:00)

## MPD Detector, Software and Computing Status: Computing - Conference Hall (12:00-13:30)

-Conveners: Victor Riabov; Oleg Rogachevskiy

time	title	presenter
12:00	MPD software status: towards real experiment	ROGACHEVSKIY, Oleg
12:30	Event reconstruction status	ZINCHENKO, Alexander
12:50	MpdRoot: from R&D towards software	HNATIC, Slavomir
13:10	Framework for MPD data analysis	MALDONADO, Ivonne

## Coffee Break - Conference Hall (13:30-14:00)

## MPD Detector, Software and Computing Status: Computing - Conference Hall (14:00-15:10)

time	title	presenter
14:00	Fast cluster finder for TPC detector	KRYLOV, Alexander
14:20	ACTS implementation in MPDroot	KAMKIN, Alexander
14:40	Open discussion on MPD computing	

## Technical break and coffee break - Conference Hall (15:10-15:30)

## Institutional Board - Conference Hall (15:30-17:20)

time	title	presenter
15:30	Approval of the minutes from the last IB meetings	
15:40	Request of admission to MPD Collaboration by a group from the Plekhanov Russian University of Economics	AYALA, Alejandro
16:10	Interim spokesperson's report	RIABOV, Victor
16:25	Project Manager's Report	GOLOVATYUK, Viacheslav
16:40	Election of Spokesperson position	TSERRUYA, Itzhak
16:55	Next Collaboration meeting	
17:10	General issues	AYALA, Alejandro

## Bus (hotel <---> VBLHEP) - Conference Hall (17:20-18:10)

## Collaboration Dinner (18:50-21:50)

# Thursday 10 November 2022

**Bus (hotel <---> VBLHEP) - Conference Hall (11:30-11:50)**

**MPD Physics session: Physics 1 - Conference Hall (12:00-18:30)**

**-Conveners: Alexander Zinchenko; Grigory Feofilov; Vadim Kolesnikov**

time	title	presenter
12:00	PWG1 Summary	FEOFILOV, Grigory
12:25	PWG2 Summary	KOLESNIKOV, Vadim
12:50	Identified particle production at STAR (BES)	APARIN, Alexey
13:15	Fluctuation probes results in search for the CEP	LUO, X.
13:40	Coffee break	
14:20	Machine learning for particle identification	KOROBITSIN, Artem
14:40	PWG3 Summary I	TARANENKO, Arkadiy
14:55	PWG3 Summary II	NIGMATKULOV, Grigory
15:10	The predictions of 3FD hydrodynamical model for NICA	IVANOV, Yuri
15:40	Coffee break	
16:20	Anisotropic flow at NICA	PARFENOV, Peter
16:45	PWG4 Summary	RIABOV, Victor
17:10	The electromagnetic probes at STAR (BES)	YANG, Chi
17:35	PWG5 Summary	ZINCHENKO, Alexander
18:00	Open discussions	

**Bus (hotel <---> VBLHEP) - Conference Hall (18:30-18:50)**