

XI Collaboration Meeting of the MPD Experiment at the NICA Facility

Tuesday, 18 April 2023 - Thursday, 20 April 2023

**VBLHEP, JINR
Programme**

Tuesday, 18 April 2023

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 - 13:25)

-Conveners: Arkadiy Taranenko

time	title	presenter
12:00	Welcome	KEKELIDZE, Vladimir
12:15	Construction and commissioning of the NICA Complex	SIDORIN, Anatoly
12:45	MPD Collaboration Status	RIABOV, Victor
13:05	Status of the MPD Integration	GOLOVATYUK, Viacheslav

Photo - Conference Hall (13:25 - 13:35)

Coffee Break - Conference Hall (13:35 - 14:00)

MPD General Reports: General Session 2 - Conference Hall (14:00 - 16:20)

-Conveners: Alejandro Ayala

time	title	presenter
14:00	Progress of the Solenoid preparation for cooling. Engineering systems in the MPD Hall.	MUKHIN, Konstantin
14:25	Magnetic field measurement	ANTOKHIN, Evgeny
14:45	TPC Assembling	MOVCHAN, Sergey
15:10	TOF Status	BABKIN, Vadim
15:30	ECAL mass production	BHATTACHARJEE, Maharnab
15:50	The progress of ECal production in China	YANG, Chi

Coffee Break - Conference Hall (16:20 - 16:50)

MPD General Reports: General Session 3 - Conference Hall (16:50 - 19:05)

-Conveners: Victor Riabov

time	title	presenter
16:50	Status of the FHCAL	IVASHKIN, Alexander
17:10	Status of the FFD	YUREVICH, Vladimir
17:30	DAQ of the MPD	SHCHIPUNOV, Andrey
17:50	Mechanics for the beam pipe, FFD and ITS, integration with TPC	MURIN, Yuri
18:10	Realization of the Electronics Platform project	FEDIUNIN, Alexander
18:30	Detector for beams collision monitoring and luminosity measurements in the interaction point	LITVINENKO, Anatoly
18:50	Advances in the miniBeBe detector	REBOLLEDO, Lucio

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

Wednesday, 19 April 2023

Bus (hotel <---> VBLHEP) - Conference Hall (09:10 - 09:35)

Excursion to Nuclotron & MPD Hall for local participants - Nuclotron, NICA construction site (09:35 - 12:00)

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

-Conveners: Oleg Rogachevskiy; Victor Riabov

time	title	presenter
12:00	MPD software status: towards real experiment	ROGACHEVSKIY, Oleg
12:30	Design by Contract & Acceptance Test Driven Development in MPDRoot	HNATIC, Slavomir
12:50	Visualization of MC & DST tracks with MPD event display	KRYLOV, Alexander
13:10	Parallelization of fast cluster finder for TPC	KRYLOV, Viktor

Coffee Break - Conference Hall (13:30 - 13:50)

MPD Detector, Software and Computing Status: Computing - Conference Hall (13:50 - 15:15)

time	title	presenter
13:50	Implementation of MiniBeBe detector in the MPD setup	MALDONADO, Ivonne
14:10	Particle parameter changing due to TPC construction and materials	BYCHKOV, Alexander
14:30	Track reconstruction with Acts for MPDRoot	BELECKY, Pavel
14:50	Open discussion on MPD computing	

Technical break and coffee break - Conference Hall (15:15 - 15:35)

Institutional Board - Conference Hall (15:35 - 19:20)

time	title	presenter
15:35	Approval of the minutes from the last IB meetings	
15:50	IB meeting	AYALA, Alejandro
18:20	Spokesperson's report	RIABOV, Victor
18:35	Project Manager's Report	GOLOVATYUK, Viacheslav
18:50	Next Collaboration meeting	RIABOV, Viktor
19:10	General issues	

Bus (hotel <---> VBLHEP) - Conference Hall (19:20 - 19:30)

Collaboration Dinner (19:30 - 22:30)

Thursday, 20 April 2023

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

MPD Physics session: Physics 1 - Conference Hall (12:00 - 18:10)

-Conveners: Alexander Zinchenko; Grigory Feofilov; Vadim Kolesnikov

time	title	presenter
12:00	Latest results from the STAR BES program	TANG, Zebo
12:25	PWG1 Summary	APARIN, Alexey
12:50	PWG2 Summary	KOLESNIKOV, Vadim
13:15	Lambda global polarization studies with MPD	NAZAROVA, Elizaveta
13:40	Coffee break	
14:10	Global polarization of hyperons from PHSD point of view	VORONYUK, Vadym
14:40	Higher-order cumulants of baryon multiplicity and in-medium modifications of meson states	TAWFIK, Abdel Nasser
15:10	PWG3 Summary	PARFENOV, Peter
15:35	Coffee break	
16:00	What can we learn from particle flow in BES experiments	TARANENKO, Arkadiy
16:30	Skewness of the elliptic flow distribution from the MPD	MILOSEVIC, Jovan
17:00	PWG4 Summary	RIABOV, Victor
17:20	PWG5 Summary	ZINCHENKO, Alexander
17:40	Open discussions	

Bus (hotel <---> VBLHEP) - Conference Hall (18:15 - 18:35)