

XII Collaboration Meeting of the MPD Experiment at the NICA Facility

Monday, October 2, 2023 - Friday, October 6, 2023

Program

Wednesday, October 4, 2023

Registration - Hall in Klub Palace (9:30 AM - 10:00 AM)

MPD General Reports - Hall in Klub Palace (10:00 AM - 11:25 AM)

time	title	presenter
10:00 AM	Welcome by Russian side	KEKELIDZE, Vladimir
10:10 AM	Welcome by Serbian side	HADŽIEVSKI, Ljupčo
10:20 AM	Status and plans of accelerator complex NICA	SYRESIN, Evgeny
10:50 AM	MPD Collaboration Status	RIABOV, Victor
11:10 AM	Status of the MPD Integration	GOLOVATYUK, Viacheslav

Photo - Hall in Klub Palace (11:25 AM - 11:35 AM)

Coffee - Hall in Klub Palace (11:35 AM - 12:00 PM)

MPD General Reports - Hall in Klub Palace (12:00 PM - 1:50 PM)

time	title	presenter
12:00 PM	Status of the solenoid assembling	MUKHIN, Konstantin
12:25 PM	Magnetic field measurement	ANTOKHIN, Evgeny
12:45 PM	TOF Status	BABKIN, Vadim
1:05 PM	TPC Assembling	VERESCHAGIN, Stepan
1:30 PM	Status of the FFD	YUREVICH, Vladimir

Lunch - Palace Hotel (1:50 PM - 3:00 PM)

MPD General Reports - Hall in Klub Palace (3:00 PM - 4:35 PM)

time	title	presenter
3:00 PM	ECAL mass production	TYAPKIN, Igor
3:20 PM	The progress of ECal production in China	LI, Linmao
3:40 PM	Calibration the ECal	KULIKOV, Viacheslav
3:55 PM	Status of the FHCAL	IVASHKIN, Alexander
4:15 PM	DAQ of the MPD	SHCHIPUNOV, Andrey

Coffee break - Hall in Klub Palace (4:35 PM - 4:55 PM)

MPD General Reports - Hall in Klub Palace (4:55 PM - 6:20 PM)

time	title	presenter
4:55 PM	A Long and Winding Road to the MPD ITS	MURIN, Yuri
5:20 PM	Realization of the Electronics Platform project	FEDIUNIN, Alexander

5:40 PM	Detector for beams collision monitoring and luminosity measurements in the interaction point	LITVINENKO, Anatoly
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Thursday, October 5, 2023

MPD Detector, Software and Computing Status - Hall in Klub Palace (10:00 AM - 11:25 AM)

time	title	presenter
10:00 AM	MPD software towards real experiment; TDD & Jupiter in MPDRoot	ROGACHEVSKIY, Oleg
10:35 AM	From MPD event 3D-Visualization to SCADA control system	KRYLOV, Viktor
11:00 AM	New approach to cluster finder for TPC with GPU	KRYLOV, Alexander

Coffee break - Hall in Klub Palace (11:25 AM - 11:50 AM)

MPD Detector, Software and Computing Status - Hall in Klub Palace (11:50 AM - 1:30 PM)

time	title	presenter
11:50 AM	Implementation of task for calibration of TPC gas drift velocity	BYCHKOV, Alexander
12:15 PM	DIRAC based MPD mass production and its automatization	PELEVANYUK, Igor
12:40 PM	Discussions	

Lunch - Palace Hotel (1:30 PM - 2:30 PM)

Institutional Board - Hall in Klub Palace (2:30 PM - 4:35 PM)

time	title	presenter
2:30 PM	Approval of the minutes from the last IB meetings	
2:45 PM	Spokesperson's report	RIABOV, Viktor
3:00 PM	Project Manager's Report	GOLOVATYUK, Viacheslav
3:15 PM	Request of admission to MPD Collaboration by a group from the State Scientific Institution "Joint Institute for Energy and Nuclear Research – Sosny" of the National Academy of Sciences of Belarus, leader Dr. Leonid Babichev	AYALA, Alejandro
3:35 PM	Request of admission to MPD Collaboration by a group from the High School of Economics University, Russia, leader Prof.Fedor Ratnikov	AYALA, Alejandro
3:55 PM	Request of admission to MPD Collaboration by a group from Institute of Physics and Mathematics, University of Michoacán, Mexico (MexNICA consortium), leader Prof. Alfredo Raya	AYALA, Alejandro
4:15 PM	Next Collaboration meeting	RIABOV, Viktor

Collaboration Dinner - Restaurant at the Palace Hotel (7:00 PM - 10:00 PM)

Friday, October 6, 2023

MPD Physics session - Hall in Klub Palace (9:00 AM - 4:00 PM)

time	title	presenter
9:00 AM	STAR (BES-II)	XIE, Guannan
9:25 AM	PWG1 Summary	FEOFILOV, Grigory
9:50 AM	PWG2 Summary	KOLESNIKOV, Vadim
10:15 AM	Production of nuclei and hypernuclei in relativistic ion collisions	BOTVINA, Alexander
10:40 AM	PWG3 Summary	PARFENOV, Peter
11:05 AM	Coffee break	
11:30 AM	PWG4 Summary	PERESUNKO, Dmitri
11:55 AM	MPD dielectron analysis	RODE, Sudhir Pandurang
12:20 PM	News from the NA61/SHINE	CIRKOVIC, Marjan
12:50 PM	Lunch	
1:50 PM	PWG5 Summary	ZINCHENKO, Alexander
2:15 PM	Review of QM-2003 results	APARIN, Alexey
2:40 PM	Open discussions	
3:10 PM	Coffee break	