

XIII Collaboration Meeting of the MPD Experiment at the NICA Facility



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Tuesday, 23 April 2024 11:00 (15 minutes)

Presenter: KEKELIDZE, Vladimir (LHEP, JINR)

Session Classification: MPD General Reports

Contribution ID: 3

Type: **not specified**

MPD Collaboration status

Tuesday, 23 April 2024 11:45 (20 minutes)

Presenter: RIABOV, Victor (PNPI)

Session Classification: MPD General Reports

Contribution ID: 4

Type: **not specified**

Status of the MPD Integration

Tuesday, 23 April 2024 12:05 (20 minutes)

Presenter: GOLOVATYUK, Viacheslav (JINR)

Session Classification: MPD General Reports

Contribution ID: 5

Type: **not specified**

TPC Assembling

Tuesday, 23 April 2024 13:20 (30 minutes)

Presenter: MOVCHAN, Sergey (JINR)

Session Classification: MPD General Reports

Contribution ID: 6

Type: **not specified**

TOF Status

Tuesday, 23 April 2024 13:50 (25 minutes)

Presenter: БАБКИН, Вадим (Joint Institute for Nuclear Research)

Session Classification: MPD General Reports

Contribution ID: **10**

Type: **not specified**

Status of the FHCAL

Tuesday, 23 April 2024 15:30 (20 minutes)

Presenter: IVASHKIN, Alexander (INR RAS, Moscow)

Session Classification: MPD General Reports

Contribution ID: 12

Type: **not specified**

MPD software status: towards real experiment

Wednesday, 24 April 2024 11:00 (30 minutes)

Presenter: ROGACHEVSKY, Oleg (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 17

Type: **not specified**

PWG1 Summary

Thursday, 25 April 2024 12:00 (20 minutes)

Presenters: APARIN, Alexey (Joint Institute for Nuclear Research); FEOFILOV, Grigory (Saint-Petersburg State University)

Session Classification: MPD Physics session

Contribution ID: **19**

Type: **not specified**

PWG2 Summary

Thursday, 25 April 2024 12:50 (20 minutes)

Presenter: KOLESNIKOV, Vadim (VBLHEP, JINR)

Session Classification: MPD Physics session

Contribution ID: 20

Type: **not specified**

PWG3 Summary

Thursday, 25 April 2024 14:10 (20 minutes)

Presenter: TARANENKO, Arkadiy (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute))

Session Classification: MPD Physics session

Contribution ID: 21

Type: **not specified**

PWG4 Summary

Thursday, 25 April 2024 15:00 (20 minutes)

Presenter: PERESUNKO, Dmitri (NRC "Kurchatov institute")

Session Classification: MPD Physics session

Contribution ID: 22

Type: **not specified**

PWG5 Summary

Thursday, 25 April 2024 16:50 (20 minutes)

Presenter: ZINCHENKO, Alexander (Joint Institute for Nuclear Research)

Session Classification: MPD Physics session

Contribution ID: 24

Type: **not specified**

Open discussions

Thursday, 25 April 2024 17:10 (20 minutes)

Session Classification: MPD Physics session

Contribution ID: 29

Type: **not specified**

Construction and commissioning of the NICA Complex

Tuesday, 23 April 2024 11:15 (30 minutes)

Presenter: SYRESIN, Evgeny (Joint Institute for Nuclear Researches)

Session Classification: MPD General Reports

Contribution ID: 47

Type: **not specified**

Status of the FFD

Tuesday, 23 April 2024 15:50 (20 minutes)

Presenter: YUREVICH, Vladimir (JINR)

Session Classification: MPD General Reports

Contribution ID: 77

Type: **not specified**

Mechanics for the beam pipe, FFD and ITS, integration with TPC

Tuesday, 23 April 2024 16:30 (20 minutes)

Presenter: MURIN, Yuri

Session Classification: MPD General Reports

Contribution ID: **80**

Type: **not specified**

The progress of ECal production in China

Tuesday, 23 April 2024 14:40 (25 minutes)

Presenters: LI, Linmao; WANG, Yi (Tsinghua University)

Session Classification: MPD General Reports

Contribution ID: 82

Type: **not specified**

Integration of JupyterLab and ACTS tracker into MPDRoot

Wednesday, 24 April 2024 11:30 (20 minutes)

Presenter: HNATIC, Slavomir (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **90**

Type: **not specified**

Anisotropic flow measurements at Nuclotron-NICA and equation of State

Thursday, 25 April 2024 14:30 (30 minutes)

Presenter: PARFENOV, Peter (MEPhI, Moscow)

Session Classification: MPD Physics session

Contribution ID: 94

Type: **not specified**

Approval of the minutes from the last IB meetings

Session Classification: Institutional Board

Contribution ID: 97

Type: **not specified**

Spokesperson's report

Presenter: RIABOV, Victor (PNPI)

Session Classification: Institutional Board

Contribution ID: 98

Type: **not specified**

Project Manager's Report

Presenter: GOLOVATYUK, Viacheslav (JINR)

Session Classification: Institutional Board

Contribution ID: **100**

Type: **not specified**

IB meeting

Wednesday, 24 April 2024 15:20 (2h 40m)

Presenter: AYALA, Alejandro (Instituto de Ciencias Nucleares, Universidad Nacional Autónoma de México)

Session Classification: Institutional Board

Contribution ID: **101**

Type: **not specified**

Next Collaboration meeting

Presenter: RIABOV, Viktor (NRC "Kurchatov Institute" PNPI)

Session Classification: Institutional Board

Contribution ID: **102**

Type: **not specified**

Magnetic field measurement

Tuesday, 23 April 2024 13:00 (20 minutes)

Presenter: ANTOKHIN, Evgeny (Budker Institute of Nuclear physics)

Session Classification: MPD General Reports

Contribution ID: **103**

Type: **not specified**

MPD DAQ & Trigger

Tuesday, 23 April 2024 16:10 (20 minutes)

Presenter: SHCHIPUNOV, Andrey (JINR)

Session Classification: MPD General Reports

Contribution ID: **104**

Type: **not specified**

Realization of the Electronics Platform project

Tuesday, 23 April 2024 16:50 (25 minutes)

Presenter: FEDIUNIN, Alexander (Jinr)

Session Classification: MPD General Reports

Contribution ID: **108**

Type: **not specified**

Open discussion on MPD computing

Wednesday, 24 April 2024 14:40 (20 minutes)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **109**

Type: **not specified**

STAR J/psi and strangeness results in BES

Thursday, 25 April 2024 11:30 (30 minutes)

Presenter: YANG, Shuai

Session Classification: MPD Physics session

Contribution ID: 117

Type: **not specified**

MPD Event Display - road to the real experiment

Wednesday, 24 April 2024 12:30 (20 minutes)

Presenter: KRYLOV, Alexander

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **118**

Type: **not specified**

Central DCS. Run Control Concept.

Wednesday, 24 April 2024 12:10 (20 minutes)

Presenter: SERGEEV, Sergey (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **119**

Type: **not specified**

Simulation and position optimization of real bundles of micro mirrors for TPC laser calibration system

Wednesday, 24 April 2024 14:20 (20 minutes)

Presenter: BYCHKOV, Alexander (LHEP)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 122

Type: **not specified**

General issues

Session Classification: Institutional Board

Contribution ID: 123

Type: **not specified**

Production of nuclei in heavy-ion collisions at GeV-energies

Thursday, 25 April 2024 13:40 (30 minutes)

Presenter: BUYUKCIZMECI, Nihal (Selcuk University, Konya, Turkey)

Session Classification: MPD Physics session

Contribution ID: 124

Type: **not specified**

Dielectrons at NICA

Thursday, 25 April 2024 15:20 (30 minutes)

Presenter: RODE, Sudhir Pandurang (Indian Institute of Technology Indore)

Session Classification: MPD Physics session

Contribution ID: 125

Type: **not specified**

Filtering track candidates in TPC track reconstruction

Wednesday, 24 April 2024 14:00 (20 minutes)

Presenter: ERKENOVA, Jamilya

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 126

Type: **not specified**

Simulation of a mini beam-beam detector for the MPD

Wednesday, 24 April 2024 13:40 (20 minutes)

Presenter: MALDONADO, Ivonne (Joint Institute for Nuclear Research)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 127

Type: **not specified**

Misalignment influence on the track reconstruction in MPD TPC

Wednesday, 24 April 2024 13:20 (20 minutes)

Presenter: KUZMIN, Valentin (NIINP Moscow State University)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **128**

Type: **not specified**

ECAL mass production

Tuesday, 23 April 2024 14:15 (25 minutes)

Presenter: SEMENOV, Andrei

Session Classification: MPD General Reports

Contribution ID: **129**

Type: **not specified**

Status of the Beam Luminosity Detector for MPD

Tuesday, 23 April 2024 17:15 (25 minutes)

Presenter: MILNOV, Genadii (JINR)

Session Classification: MPD General Reports

Contribution ID: 130

Type: **not specified**

JINR Digital Ecosystem: project status and perspectives

Thursday, 25 April 2024 11:00 (30 minutes)

Presenter: BELOV, Sergey (Joint Institute for Nuclear Research)

Session Classification: MPD Physics session

Contribution ID: 131

Type: **not specified**

The issue of functional division of automated systems in experimental facilities

Wednesday, 24 April 2024 11:50 (20 minutes)

Presenter: BALDIN, Nikita (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 132

Type: **not specified**

Light hadron and (hyper)nuclei production by RHIC-STAR

Thursday, 25 April 2024 16:20 (30 minutes)

Presenter: LIU, Hui (Central China Normal University)

Session Classification: MPD Physics session

Contribution ID: 133

Type: **not specified**

Electromagnetic dissociation of nuclei at NICA

Thursday, 25 April 2024 12:20 (30 minutes)

Presenter: PSHENICHNOV, Igor (Institute for Nuclear Research, Russian Academy of Sciences)

Session Classification: MPD Physics session

Contribution ID: 134

Type: **not specified**

TPC and ECAL cooling system: status

Tuesday, 23 April 2024 17:40 (20 minutes)

Presenter: FEDOTOV, Alexander (INP BSU, Minsk)

Session Classification: MPD General Reports

Contribution ID: 135

Type: **not specified**

Status of TPC LV, TPC GATE systems and FE cards tests

Tuesday, 23 April 2024 18:00 (15 minutes)

Presenter: GALKIN, Yaroslav (INP BSU, Minsk)

Session Classification: MPD General Reports

Contribution ID: 136

Type: **not specified**

TPC rails and TPC installation tooling status

Tuesday, 23 April 2024 18:15 (15 minutes)

Presenter: SAVITSKIY, Sergey (company "Kraina", Minsk)

Session Classification: MPD General Reports