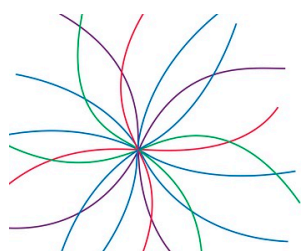


XII Collaboration Meeting of the MPD Experiment at the NICA Facility



NICA Days 2023 and
XII MPD Collaboration Meeting



Belgrade, Serbia
02-06
10.23

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome by Russian side

Wednesday, October 4, 2023 10:00 AM (10 minutes)

Presenter: KEKELIDZE, Vladimir (LHEP, JINR)

Session Classification: MPD General Reports

Contribution ID: 3

Type: **not specified**

MPD Collaboration Status

Wednesday, October 4, 2023 10:50 AM (20 minutes)

Presenter: RIABOV, Victor (PNPI)

Session Classification: MPD General Reports

Contribution ID: 4

Type: **not specified**

Status of the MPD Integration

Wednesday, October 4, 2023 11:10 AM (15 minutes)

Presenter: GOLOVATYUK, Viacheslav (JINR)

Session Classification: MPD General Reports

Contribution ID: 5

Type: **not specified**

TPC Assembling

Wednesday, October 4, 2023 1:05 PM (25 minutes)

Presenter: VERESCHAGIN, Stepan (JINR)

Session Classification: MPD General Reports

Contribution ID: 6

Type: **not specified**

TOF Status

Wednesday, October 4, 2023 12:45 PM (20 minutes)

Presenter: BABKIN, Vadim (Joint Institute for Nuclear Research)

Session Classification: MPD General Reports

Contribution ID: **10**

Type: **not specified**

Status of the FHCAL

Wednesday, October 4, 2023 3:55 PM (20 minutes)

Presenter: IVASHKIN, Alexander (INR RAS, Moscow)

Session Classification: MPD General Reports

Contribution ID: 17

Type: **not specified**

PWG1 Summary

Friday, October 6, 2023 9:25 AM (25 minutes)

Presenter: FEOFILOV, Grigory (Saint-Petersburg State University)

Session Classification: MPD Physics session

Contribution ID: **19**

Type: **not specified**

PWG2 Summary

Friday, October 6, 2023 9:50 AM (25 minutes)

Presenter: KOLESNIKOV, Vadim (VBLHEP, JINR)

Session Classification: MPD Physics session

Contribution ID: 21

Type: **not specified**

PWG4 Summary

Friday, October 6, 2023 11:30 AM (25 minutes)

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

Session Classification: MPD Physics session

Contribution ID: 22

Type: **not specified**

PWG5 Summary

Friday, October 6, 2023 1:50 PM (25 minutes)

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

Session Classification: MPD Physics session

Contribution ID: 24

Type: **not specified**

Open discussions

Friday, October 6, 2023 2:40 PM (30 minutes)

Session Classification: MPD Physics session

Contribution ID: 29

Type: **not specified**

Status and plans of accelerator complex NICA

Wednesday, October 4, 2023 10:20 AM (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

Wednesday, October 4, 2023 1:30 PM (20 minutes)

Presenter: YUREVICH, Vladimir (JINR)

Session Classification: MPD General Reports

Contribution ID: 76

Type: **not specified**

Status of the solenoid assembling

Wednesday, October 4, 2023 12:00 PM (25 minutes)

Presenter: MUKHIN, Konstantin (Joint Institut for Nuclear Research)

Session Classification: MPD General Reports

Contribution ID: 77

Type: **not specified**

A Long and Winding Road to the MPD ITS

Wednesday, October 4, 2023 4:55 PM (25 minutes)

Presenter: MURIN, Yuri

Session Classification: MPD General Reports

Contribution ID: 79

Type: **not specified**

ECAL mass production

Wednesday, October 4, 2023 3:00 PM (20 minutes)

Presenter: TYAPKIN, Igor (JINR)

Session Classification: MPD General Reports

Contribution ID: **80**

Type: **not specified**

The progress of ECal production in China

Wednesday, October 4, 2023 3:20 PM (20 minutes)

Presenter: LI, Linmao

Session Classification: MPD General Reports

Contribution ID: **90**

Type: **not specified**

PWG3 Summary

Friday, October 6, 2023 10:40 AM (25 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

Thursday, October 5, 2023 2:30 PM (15 minutes)

Session Classification: Institutional Board

Contribution ID: 97

Type: **not specified**

Spokesperson's report

Thursday, October 5, 2023 2:45 PM (15 minutes)

Presenter: RIABOV, Victor (PNPI)

Session Classification: Institutional Board

Contribution ID: 98

Type: **not specified**

Project Manager's Report

Thursday, October 5, 2023 3:00 PM (15 minutes)

Presenter: GOLOVATYUK, Viacheslav (JINR)

Session Classification: Institutional Board

Contribution ID: **100**

Type: **not specified**

Request of admission to MPD Collaboration by a group from the High School of Economics University, Russia, leader Prof.Fedor Ratnikov

Thursday, October 5, 2023 3:35 PM (20 minutes)

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

Thursday, October 5, 2023 4:15 PM (20 minutes)

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

Session Classification: Institutional Board

Contribution ID: **102**

Type: **not specified**

Magnetic field measurement

Wednesday, October 4, 2023 12:25 PM (20 minutes)

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

Session Classification: MPD General Reports

Contribution ID: **103**

Type: **not specified**

DAQ of the MPD

Wednesday, October 4, 2023 4:15 PM (20 minutes)

Presenter: SHCHIPUNOV, Andrey (JINR)

Session Classification: MPD General Reports

Contribution ID: **104**

Type: **not specified**

Realization of the Electronics Platform project

Wednesday, October 4, 2023 5:20 PM (20 minutes)

Presenter: FEDIUNIN, Alexander (Jinr)

Session Classification: MPD General Reports

Contribution ID: **105**

Type: **not specified**

Detector for beams collision monitoring and luminosity measurements in the interaction point

Wednesday, October 4, 2023 5:40 PM (20 minutes)

Presenter: LITVINENKO, Anatoly (Joint Institute for Nuclear Research)

Session Classification: MPD General Reports

Contribution ID: **109**

Type: **not specified**

STAR (BES-II)

Friday, October 6, 2023 9:00 AM (25 minutes)

Presenter: XIE, Guannan

Session Classification: MPD Physics session

Contribution ID: 116

Type: **not specified**

Production of nuclei and hypernuclei in relativistic ion collisions

Friday, October 6, 2023 10:15 AM (25 minutes)

Presenter: BOTVINA, Alexander (FIAS and INR-RAS)

Session Classification: MPD Physics session

Contribution ID: 123

Type: **not specified**

Welcome by Serbian side

Presenter: PAJOVIĆ, Snežana („VINČA” INSTITUTE OF NUCLEAR SCIENCES NATIONAL INSTITUTE OF THE REPUBLIC OF SERBIA UNIVERSITY OF BELGRADE)

Session Classification: MPD General Reports

Contribution ID: 124

Type: **not specified**

Calibration the ECal

Wednesday, October 4, 2023 3:40 PM (15 minutes)

Presenter: KULIKOV, Viacheslav (SRC "Kurchatov institute" - ITEP)

Session Classification: MPD General Reports

Contribution ID: 125

Type: **not specified**

News from the NA61/SHINE

Friday, October 6, 2023 12:20 PM (30 minutes)

Presenter: CIRKOVIC, Marjan

Session Classification: MPD Physics session

Contribution ID: 126

Type: **not specified**

MPD dielectron analysis

Friday, October 6, 2023 11:55 AM (25 minutes)

Presenter: RODE, Sudhir Pandurang (JINR)

Session Classification: MPD Physics session

Contribution ID: 127

Type: **not specified**

Review of QM-2003 results

Friday, October 6, 2023 2:15 PM (25 minutes)

Presenter: APARIN, Alexey (Joint Institute for Nuclear Research)

Session Classification: MPD Physics session

Contribution ID: 128

Type: **not specified**

MPD software towards real experiment; TDD & Jupiter in MPDRoot

Thursday, October 5, 2023 10:00 AM (35 minutes)

Presenter: ROGACHEVSKIY, Oleg (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **129**

Type: **not specified**

From MPD event 3D-Visualization to SCADA control system

Thursday, October 5, 2023 10:35 AM (25 minutes)

Presenter: KRYLOV, Viktor (Joint Institute for Nuclear Research (JINR))

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 130

Type: **not specified**

New approach to cluster finder for TPC with GPU

Thursday, October 5, 2023 11:00 AM (25 minutes)

Presenter: KRYLOV, Alexander

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 131

Type: **not specified**

Implementation of task for calibration of TPC gas drift velocity

Thursday, October 5, 2023 11:50 AM (25 minutes)

Presenter: BYCHKOV, Alexander (LHEP)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 132

Type: **not specified**

DIRAC based MPD mass production and its automatization

Thursday, October 5, 2023 12:15 PM (25 minutes)

Presenter: PELEVANYUK, Igor (Joint Institute for Nuclear Research)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 133

Type: **not specified**

TPC alignment and momentum resolution, in-person/remote

Presenter: KUZMIN, Valentin (NIINP Moscow State University)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 134

Type: **not specified**

Discussions

Thursday, October 5, 2023 12:40 PM (30 minutes)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 136

Type: **not specified**

Welcome by Serbian side

Wednesday, October 4, 2023 10:10 AM (10 minutes)

Presenter: HADŽIEVSKI, Ljupčo (representative for the cooperation between the INS Vinca and JINR Dubna)

Session Classification: MPD General Reports

Contribution ID: 137

Type: **not specified**

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

Thursday, October 5, 2023 3:55 PM (20 minutes)

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

Session Classification: Institutional Board

Contribution ID: 138

Type: **not specified**

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

Thursday, October 5, 2023 3:15 PM (20 minutes)

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

Session Classification: Institutional Board