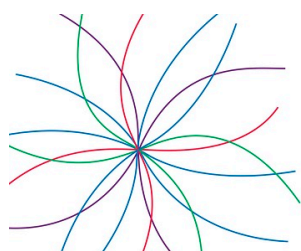


XII Collaboration Meeting of the MPD Experiment at the NICA Facility



**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, 4 October 2023 10:00 (10 minutes)

Presenter: KEKELIDZE, Vladimir (LHEP, JINR)

Session Classification: MPD General Reports

Contribution ID: 3

Type: **not specified**

MPD Collaboration Status

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

Presenter: RIABOV, Victor (PNPI)

Session Classification: MPD General Reports

Contribution ID: 4

Type: **not specified**

Status of the MPD Integration

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

Presenter: GOLOVATYUK, Viacheslav (JINR)

Session Classification: MPD General Reports

Contribution ID: 5

Type: **not specified**

TPC Assembling

Wednesday, 4 October 2023 13:05 (25 minutes)

Presenter: VERESCHAGIN, Stepan (JINR)

Session Classification: MPD General Reports

Contribution ID: 6

Type: **not specified**

TOF Status

Wednesday, 4 October 2023 12:45 (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, 4 October 2023 15:55 (20 minutes)

Presenter: IVASHKIN, Alexander (INR RAS, Moscow)

Session Classification: MPD General Reports

Contribution ID: 17

Type: **not specified**

PWG1 Summary

Friday, 6 October 2023 09:25 (25 minutes)

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

Session Classification: MPD Physics session

Contribution ID: **19**

Type: **not specified**

PWG2 Summary

Friday, 6 October 2023 09:50 (25 minutes)

Presenter: KOLESNIKOV, Vadim (VBLHEP, JINR)

Session Classification: MPD Physics session

Contribution ID: **21**

Type: **not specified**

PWG4 Summary

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

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

Session Classification: MPD Physics session

Contribution ID: 22

Type: **not specified**

PWG5 Summary

Friday, 6 October 2023 13:50 (25 minutes)

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

Session Classification: MPD Physics session

Contribution ID: 24

Type: **not specified**

Open discussions

Friday, 6 October 2023 14:40 (30 minutes)

Session Classification: MPD Physics session

Contribution ID: 29

Type: **not specified**

Status and plans of accelerator complex NICA

Wednesday, 4 October 2023 10:20 (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, 4 October 2023 13:30 (20 minutes)

Presenter: YUREVICH, Vladimir (JINR)

Session Classification: MPD General Reports

Contribution ID: 76

Type: **not specified**

Status of the solenoid assembling

Wednesday, 4 October 2023 12:00 (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, 4 October 2023 16:55 (25 minutes)

Presenter: MURIN, Yuri

Session Classification: MPD General Reports

Contribution ID: 79

Type: **not specified**

ECAL mass production

Wednesday, 4 October 2023 15:00 (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, 4 October 2023 15:20 (20 minutes)

Presenter: LI, Linmao

Session Classification: MPD General Reports

Contribution ID: **90**

Type: **not specified**

PWG3 Summary

Friday, 6 October 2023 10:40 (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, 5 October 2023 14:30 (15 minutes)

Session Classification: Institutional Board

Contribution ID: 97

Type: **not specified**

Spokesperson's report

Thursday, 5 October 2023 14:45 (15 minutes)

Presenter: RIABOV, Victor (PNPI)

Session Classification: Institutional Board

Contribution ID: **98**

Type: **not specified**

Project Manager's Report

Thursday, 5 October 2023 15:00 (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, 5 October 2023 15:35 (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, 5 October 2023 16:15 (20 minutes)

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

Session Classification: Institutional Board

Contribution ID: **102**

Type: **not specified**

Magnetic field measurement

Wednesday, 4 October 2023 12:25 (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, 4 October 2023 16:15 (20 minutes)

Presenter: SHCHIPUNOV, Andrey (JINR)

Session Classification: MPD General Reports

Contribution ID: **104**

Type: **not specified**

Realization of the Electronics Platform project

Wednesday, 4 October 2023 17:20 (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, 4 October 2023 17:40 (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, 6 October 2023 09:00 (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, 6 October 2023 10:15 (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, 4 October 2023 15:40 (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, 6 October 2023 12:20 (30 minutes)

Presenter: CIRKOVIC, Marjan

Session Classification: MPD Physics session

Contribution ID: **126**

Type: **not specified**

MPD dielectron analysis

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

Presenter: RODE, Sudhir Pandurang (JINR)

Session Classification: MPD Physics session

Contribution ID: **127**

Type: **not specified**

Review of QM-2003 results

Friday, 6 October 2023 14:15 (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, 5 October 2023 10:00 (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, 5 October 2023 10:35 (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, 5 October 2023 11:00 (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, 5 October 2023 11:50 (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, 5 October 2023 12:15 (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, 5 October 2023 12:40 (30 minutes)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **136**

Type: **not specified**

Welcome by Serbian side

Wednesday, 4 October 2023 10:10 (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, 5 October 2023 15:55 (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, 5 October 2023 15:15 (20 minutes)

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

Session Classification: Institutional Board