

XV MPD Collaboration Meeting



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome words from the JINR directorate

Tuesday 15 April 2025 10:00 (15 minutes)

Presenter: KEKELIDZE, Vladimir (LHEP, JINR)

Session Classification: MPD General Reports

Contribution ID: 3

Type: **not specified**

MPD Collaboration status

Tuesday 15 April 2025 10:45 (20 minutes)

Presenter: RIABOV, Victor (PNPI)

Session Classification: MPD General Reports

Contribution ID: 4

Type: **not specified**

Status of the MPD Integration

Tuesday 15 April 2025 11:05 (20 minutes)

Presenter: GOLOVATYUK, Viacheslav (JINR)

Session Classification: MPD General Reports

Contribution ID: 5

Type: **not specified**

TPC Assembling

Wednesday 16 April 2025 11:00 (20 minutes)

Presenter: MOVCHAN, Sergey (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 6

Type: **not specified**

TOF Status

Wednesday 16 April 2025 11:20 (20 minutes)

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

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **10**

Type: **not specified**

Status of the FHCAL

Wednesday 16 April 2025 14:00 (20 minutes)

Presenter: STRIZHAK, Alexander (INR RAS)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **12**

Type: **not specified**

MPD Software status

Tuesday 15 April 2025 12:00 (30 minutes)

Presenter: ROGACHEVSKY, Oleg (JINR)

Session Classification: MPD General Reports

Contribution ID: **19**

Type: **not specified**

PWG2 Summary

Thursday 17 April 2025 14:50 (20 minutes)

Presenter: KIREYEU, Viktor (Joint Institute for Nuclear Research)

Session Classification: MPD Physics session

Contribution ID: **20**

Type: **not specified**

PWG3 Summary

Thursday 17 April 2025 15:40 (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 17 April 2025 16:00 (20 minutes)

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

Session Classification: MPD Physics session

Contribution ID: 22

Type: **not specified**

LIT resources and services for the MPD experiment

Presenter: TBA

Session Classification: MPD General Reports

Contribution ID: **24**

Type: **not specified**

Open discussions

Thursday 17 April 2025 16:45 (30 minutes)

Session Classification: MPD Physics session

Contribution ID: 29

Type: **not specified**

Construction and commissioning of the NICA Complex

Tuesday 15 April 2025 10:15 (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

Wednesday 16 April 2025 14:20 (20 minutes)

Presenter: SEDYKH, Sergey (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 77

Type: **not specified**

MPD ITS Status and Perspectives

Wednesday 16 April 2025 14:40 (20 minutes)

Presenter: MURIN, Yury

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **82**

Type: **not specified**

Progress of ACTS implementation in MPDRoot

Tuesday 15 April 2025 14:20 (20 minutes)

Presenter: HNATIC, Slavomir (JINR)

Session Classification: MPD General Reports

Contribution ID: **90**

Type: **not specified**

PWG-1 summary

Thursday 17 April 2025 14:30 (20 minutes)

Presenter: PARFENOV, Peter (JINR, NRNU MEPhI)

Session Classification: MPD Physics session

Contribution ID: **100**

Type: **not specified**

IB meeting

Tuesday 15 April 2025 15:30 (3h 25m)

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

Session Classification: Institutional Board

Contribution ID: **102**

Type: **not specified**

Magnetic field mapper

Tuesday 15 April 2025 14:00 (20 minutes)

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

Session Classification: MPD General Reports

Contribution ID: **103**

Type: **not specified**

MPD Trigger electronics

Wednesday 16 April 2025 15:20 (20 minutes)

Presenter: SHIPUNOV, Andrey (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **108**

Type: **not specified**

Open discussions

Wednesday 16 April 2025 17:20 (30 minutes)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **117**

Type: **not specified**

DST event viewer for MPD events

Wednesday 16 April 2025 12:20 (20 minutes)

Presenter: KRYLOV, Alexander

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **119**

Type: **not specified**

Workshop on working with EventDisplay and EventViewer

Wednesday 16 April 2025 12:40 (20 minutes)

Presenter: KRYLOV, Alexander

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **128**

Type: **not specified**

TPC and ECAL cooling system: status

Wednesday 16 April 2025 16:20 (20 minutes)

Presenter: FEDOTOV, Alexander (INP BSU, Minsk)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **130**

Type: **not specified**

Recent results on strangeness and identified hadron production in STAR-BES

Thursday 17 April 2025 09:30 (30 minutes)

Presenter: ZHU, Xianglei (Tsinghua University)

Session Classification: MPD Physics session

Contribution ID: **137**

Type: **not specified**

Status of the MPD Magnet

Tuesday 15 April 2025 12:30 (20 minutes)

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

Session Classification: MPD General Reports

Contribution ID: **138**

Type: **not specified**

Status of the ECal

Wednesday 16 April 2025 11:40 (20 minutes)

Presenter: TYAPKIN, Igor

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **139**

Type: **not specified**

The progress of ECal production in China

Wednesday 16 April 2025 12:00 (20 minutes)

Presenter: WANG, Yi (Tsinghua University)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **140**

Type: **not specified**

Forward upgrade for the MPD

Thursday 17 April 2025 14:00 (30 minutes)

Presenter: KRYSHEN, Evgeny (JINR, PNPI)

Session Classification: MPD Physics session

Contribution ID: **141**

Type: **not specified**

System and rapidity scan at MPD

Tuesday 15 April 2025 14:40 (30 minutes)

Presenter: TARANENKO, Arkadiy (VBLHEP JINR)

Session Classification: MPD General Reports

Contribution ID: **143**

Type: **not specified**

Realistic clustering for TPC

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

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: 144

Type: **not specified**

Recent measurements of flow from the RHIC Beam Energy Scan Program

Thursday 17 April 2025 10:00 (30 minutes)

Presenter: SINGHA, Subhash (Institute of Modern Physics CAS)

Session Classification: MPD Physics session

Contribution ID: 145

Type: **not specified**

Recent Results of Baryon Correlations from the RHIC Beam Energy Scan Program

Thursday 17 April 2025 10:30 (30 minutes)

Presenter: MI, Ke

Session Classification: MPD Physics session

Contribution ID: 146

Type: **not specified**

Cluster production in heavy-ion collisions at NICA-FAIR energies

Thursday 17 April 2025 11:30 (30 minutes)

Presenter: BLEICHER, Marcus

Session Classification: MPD Physics session

Contribution ID: **147**

Type: **not specified**

Fluctuation Measurements from the RHIC Beam Energy Scan Program

Thursday 17 April 2025 12:00 (30 minutes)

Presenter: SI, Fan (University of Science and Technology of China)

Session Classification: MPD Physics session

Contribution ID: **148**

Type: **not specified**

Fragment and nuclei production in heavy-ion collisions

Thursday 17 April 2025 12:30 (30 minutes)

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

Session Classification: MPD Physics session

Contribution ID: 149

Type: **not specified**

Status of the MPD installation container mechanics

Wednesday 16 April 2025 15:00 (20 minutes)

Интеграция внутренностей MPD –тонкостенного и хрупкого девятиметрового ионопровода, двух массивных черенковских детекторов FFD и вершинного детектора ITS с его 6,6 миллиарда каналов считывания данных в виду нестандартного габарита камеры TPC потребовало разработки нестандартного решения т.н. контейнерной сборки, все указанные объекты предварительно помещаются в специальный тонкостенный контейнер, после чего уже он вкатывается в узкое жерло камеры TPC, тем самым доставляя сенсоры и ионопровод в предназначенные им рабочие позиции.

Presenter: ANDREEV, Denis**Session Classification:** MPD Detector, Software and Computing Status

Contribution ID: **150**

Type: **not specified**

Luminosity measurements for heavy ion beams

Wednesday 16 April 2025 16:00 (20 minutes)

Presenter: BABAEV, Anton

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **151**

Type: **not specified**

State of MPD DCS and plans for 2025

Wednesday 16 April 2025 16:40 (20 minutes)

Presenter: SERGEEV, Sergey (JINR)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **152**

Type: **not specified**

System of stationary sensors

Wednesday 16 April 2025 17:00 (20 minutes)

Presenter: BEDAREVA, Tatiana (Budker Institute of Nuclear Physics, Novosibirsk)

Session Classification: MPD Detector, Software and Computing Status

Contribution ID: **153**

Type: **not specified**

Dielectron measurements in BiBi @ 9.2 GeV

Thursday 17 April 2025 16:20 (25 minutes)

Presenter: RODE, Sudhir Pandurang (Joint Institute For Nuclear Research, Dubna, Russia)

Session Classification: MPD Physics session