

# **The 2nd China-Russia Joint Workshop on NICA Facility**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Opening speech

*Tuesday, September 10, 2024 8:40 AM (20 minutes)*

Contribution ID: 2

Type: **not specified**

## **MPD status and integration**

*Tuesday, September 10, 2024 9:00 AM (30 minutes)*

**Presenter:** GOLOVATYUK, Viacheslav (JINR)

Contribution ID: 3

Type: **not specified**

## First physics for the MPD

*Tuesday, September 10, 2024 9:30 AM (30 minutes)*

**Presenter:** RIABOV, Victor (PNPI)

Contribution ID: 4

Type: **not specified**

## **Global polarization and spin alignment measurements**

*Tuesday, September 10, 2024 10:30 AM (30 minutes)*

**Presenter:** CHEN, Jinhui

Contribution ID: 5

Type: **not specified**

# Study of hyperon and hypernuclei production at NICA

*Tuesday, September 10, 2024 11:00 AM (30 minutes)*

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

Contribution ID: 6

Type: **not specified**

## **Recent measurements on Strangeness/Hyper nuclei**

*Wednesday, September 11, 2024 3:00 PM (30 minutes)*

**Presenter:** ZHU, Xianglei (Tsinghua University)

Contribution ID: 7

Type: **not specified**

## **The MPD ITS - Status and Perspectives**

*Tuesday, September 10, 2024 2:00 PM (30 minutes)*

**Presenter:** MURIN, Yuri



Contribution ID: **8**

Type: **not specified**

## **ITS R&D at China**

*Tuesday, September 10, 2024 2:30 PM (30 minutes)*

**Presenter:** SUN, Xiangming (Central China Normal University)

Contribution ID: 9

Type: **not specified**

## **Status of engineering systems and start up of the MPD magnet**

*Tuesday, September 10, 2024 3:00 PM (30 minutes)*

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

Contribution ID: **10**

Type: **not specified**

## **Status of the barrel Electromagnetic Calorimeter (Ecal)**

*Tuesday, September 10, 2024 3:50 PM (30 minutes)*

**Presenter:** TIAPKIN, Igor

Contribution ID: 11

Type: **not specified**

## **The progress of ECal R&D and production in China**

*Tuesday, September 10, 2024 4:20 PM (30 minutes)*

**Presenter:** WANG, Yi (Tsinghua University)

Contribution ID: 12

Type: **not specified**

## **TPC upgrade (options for new read-out chambers)**

*Tuesday, September 10, 2024 4:50 PM (30 minutes)*

**Presenter:** MOVCHAN, Sergey (JINR)

Contribution ID: 13

Type: **not specified**

## **STAR detector upgrade : inner TPC&at forward rapidity**

*Tuesday, September 10, 2024 5:20 PM (30 minutes)*

**Presenter:** YANG, Qian

Contribution ID: 14

Type: **not specified**

## **Theory study on searching of CEP**

*Wednesday, September 11, 2024 8:30 AM (30 minutes)*

**Presenter:** HUANG, Mei

Contribution ID: 15

Type: **not specified**

## **Recent results of the experimental study on CEP**

*Wednesday, September 11, 2024 9:00 AM (30 minutes)*

**Presenter:** ZHANG, Yu (Guangxi Normal University)



Contribution ID: 16

Type: **not specified**

## **Polarization of Hypernuclei at High Baryon Density**

*Wednesday, September 11, 2024 2:00 PM (30 minutes)*

**Presenter:** SUN, Kaijia

Contribution ID: 17

Type: **not specified**

## **Study of hadron and light nuclei production at NICA**

*Wednesday, September 11, 2024 2:30 PM (30 minutes)*

**Presenter:** KOLESNIKOV, Vadim (VBLHEP, JINR)

Contribution ID: **18**

Type: **not specified**

## **Machine learning in HICs**

*Wednesday, September 11, 2024 4:00 PM (30 minutes)*

**Presenter:** PANG, Longgang

Contribution ID: **19**

Type: **not specified**

## **CEE status**

*Tuesday, September 10, 2024 11:30 AM (30 minutes)*

**Presenter:** ZHANG, Yapeng

Contribution ID: 20

Type: **not specified**

## **Soft physics for relativistic heavy ion collisions**

*Wednesday, September 11, 2024 9:30 AM (30 minutes)*

**Presenter:** HUICHAO, Song (Peking U)

Contribution ID: 21

Type: **not specified**

## **System size scan at NICA energies**

*Wednesday, September 11, 2024 10:30 AM (30 minutes)*

**Presenter:** TARANENKO, Arkadiy (VBLHEP JINR)

Contribution ID: 22

Type: **not specified**

## **Recent flow measurement in high baryon density region**

*Wednesday, September 11, 2024 11:00 AM (30 minutes)*

**Presenter:** SHI, Shusu (Central China Normal University)

Contribution ID: 23

Type: **not specified**

## **First flow results from BM@N experiment**

*Wednesday, September 11, 2024 11:30 AM (30 minutes)*

**Presenter:** MAMAEV, Mikhail (NRNU MEPhI)



Contribution ID: 24

Type: **not specified**

## **Recent experimental measurements in UPCs**

*Wednesday, September 11, 2024 4:30 PM (30 minutes)*

**Presenter:** YANG, Shuai

Contribution ID: 25

Type: **not specified**

## **EM probes in high baryon density region**

*Wednesday, September 11, 2024 5:00 PM (30 minutes)*

**Presenter:** YE, Zaochen (South China Normal University)

Contribution ID: 26

Type: **not specified**

## **The Highly Granular Neutron Detector and Forward Spectator Detectors at the BM@N**

*Thursday, September 12, 2024 8:30 AM (30 minutes)*

**Presenter:** KARPUSHKIN, Nikolay (INR RAS)

Contribution ID: 27

Type: **not specified**

## **MPD performance in the fixed-target mode**

*Thursday, September 12, 2024 9:00 AM (30 minutes)*

**Presenter:** PARFENOV, Peter (JINR)

Contribution ID: 28

Type: **not specified**

## **Forward upgrade (physics and possible solutions)**

*Thursday, September 12, 2024 9:30 AM (30 minutes)*

**Presenter:** KRYSHEN, Evgeny (NRC "Kurchatov Institute", Petersburg Nuclear Physics Institute)

Contribution ID: 29

Type: **not specified**

## Forward TOF

*Thursday, September 12, 2024 10:30 AM (30 minutes)*

**Presenter:** SUN, Yongjie (University of Science and Technology of China)

Contribution ID: **30**

Type: **not specified**

## **TOF barrel - upgrade, Forward TOF**

*Thursday, September 12, 2024 11:00 AM (30 minutes)*

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

Contribution ID: **31**

Type: **not specified**

## Discussion

*Wednesday, September 11, 2024 5:30 PM (30 minutes)*



Contribution ID: 32

Type: **not specified**

## Discussion

*Tuesday, September 10, 2024 5:50 PM (30 minutes)*

Contribution ID: 33

Type: **not specified**

## **Discussion session in Beijing**