

# **The 4th CBM-China Workshop**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome

*Friday, 12 April 2019 14:00 (5 minutes)*

**Presenter:** FENG, Shengqin (CTGU)

**Session Classification:** MPD@NICA Discussion I

Contribution ID: 1

Type: **not specified**

## **MOST funding status**

*Friday, 12 April 2019 14:05 (10 minutes)*

**Presenter:** WANG, Fuqiang (Huzhou University)

**Session Classification:** MPD@NICA Discussion I

Contribution ID: 2

Type: **not specified**

## ECAL

*Friday, 12 April 2019 14:15 (45 minutes)*

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

**Session Classification:** MPD@NICA Discussion I

Contribution ID: 3

Type: **not specified**

## Fast readout

*Friday, 12 April 2019 15:00 (20 minutes)*

**Presenter:** SUN, Xiangming (CCNU)

**Session Classification:** MPD@NICA Discussion I

Contribution ID: 4

Type: **not specified**

## ETOF

*Friday, 12 April 2019 15:20 (20 minutes)*

**Presenter:** TANG, Zebo (University of Science and Technology of China)

**Session Classification:** MPD@NICA Discussion I

Contribution ID: 5

Type: **not specified**

## Simulation

**Presenter:** XIAO, Zhigang (Tsinghua University)

Contribution ID: 6

Type: **not specified**

## Status of the ALICE ITS

*Friday, 12 April 2019 16:20 (30 minutes)*

**Presenter:** MUSA, Luciano (CERN)

**Session Classification:** MPD@NICA Discussion II



Contribution ID: 7

Type: **not specified**

## **The NICA MPD ITS project – the physics case, status and perspectives**

*Friday, 12 April 2019 16:50 (30 minutes)*

**Presenter:** MURIN, Yuri (JINR)

**Session Classification:** MPD@NICA Discussion II

Contribution ID: 8

Type: **not specified**

## **Plan for MPD ITS project from China**

*Friday, 12 April 2019 17:20 (30 minutes)*

**Presenter:** WANG, Yaping (Central China Normal University)

**Session Classification:** MPD@NICA Discussion II

Contribution ID: 9

Type: **not specified**

## Welcome

*Saturday, 13 April 2019 08:45 (15 minutes)*

**Presenters:** Mr XU, Nu (CCNU); SENGER, Peter (GSI); CTGU, Vice President of (CTGU)

**Session Classification:** CBM Session I

Contribution ID: **10**

Type: **not specified**

## **Status of CBM at FAIR**

*Saturday, 13 April 2019 09:00 (30 minutes)*

**Presenter:** HERRMANN, Norbert (Heidelberg University)

**Session Classification:** CBM Session I

Contribution ID: 11

Type: **not specified**

## **Modern Transport Codes and the High Density EOS**

*Saturday, 13 April 2019 09:30 (45 minutes)*

**Presenter:** AICHELIN, Jörg (Subatech)

**Session Classification:** CBM Session I

Contribution ID: 12

Type: **not specified**

## **Chiral Phase Transitions in Equilibrium and Out-of-equilibrium States**

*Saturday, 13 April 2019 10:15 (45 minutes)*

**Presenter:** ZHUANG, Pengfei (Tsinghua University)

**Session Classification:** CBM Session I

Contribution ID: 13

Type: **not specified**

# The Equation of State of Dense Nuclear Matter in the Multimessenger Era

*Saturday, 13 April 2019 11:20 (30 minutes)*

**Presenter:** CHEN, Lie-Wen (S)

**Session Classification:** CBM Session II

Contribution ID: 14

Type: **not specified**

## **Criticality at BES-II and CBM**

*Saturday, 13 April 2019 11:50 (30 minutes)*

**Presenter:** LUO, Xiaofeng (Central China Normal University)

**Session Classification:** CBM Session II



Contribution ID: 15

Type: **not specified**

## **Collectivity and CBM**

*Saturday, 13 April 2019 14:00 (30 minutes)*

**Presenter:** SHI, Shusu (CCNU)

**Session Classification:** CBM Session III

Contribution ID: 16

Type: **not specified**

## **C6 from Au+Au Collisions**

*Saturday, 13 April 2019 14:30 (20 minutes)*

**Presenter:** NONAKA, Toshihiro (CCNU)

**Session Classification:** CBM Session III

Contribution ID: 17

Type: **not specified**

## **Status on CBM MRPC I**

*Saturday, 13 April 2019 14:50 (20 minutes)*

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

**Session Classification:** CBM Session III

Contribution ID: **18**

Type: **not specified**

## **Status on CBM MRPC II**

*Saturday, 13 April 2019 15:10 (20 minutes)*

**Presenter:** SUN, Yongjie (USTC)

**Session Classification:** CBM Session III

Contribution ID: 19

Type: **not specified**

# Vorticity and Magnetic Fields in Collisions at BES Energies

*Saturday, 13 April 2019 16:00 (30 minutes)*

**Presenter:** LIAO, Jinfeng (INDIANA UNIVERSITY & RBRC)

**Session Classification:** CBM Session IV

Contribution ID: **20**

Type: **not specified**

## **QCD Critical End Point and Finite Size Effect**

*Saturday, 13 April 2019 16:30 (30 minutes)*

**Presenter:** HUANG, Mei (IHEP, CAS)

**Session Classification:** CBM Session IV

Contribution ID: 21

Type: **not specified**

# On Phase Structure of Dense Quark Matter with Magnetic Field

*Saturday, 13 April 2019 17:00 (30 minutes)*

**Presenter:** HOU, Defu (CCNU)

**Session Classification:** CBM Session IV

Contribution ID: 22

Type: **not specified**

# Hyperons: the Strange Ingredients of the Nuclear Equation of State

*Sunday, 14 April 2019 09:00 (45 minutes)*

**Presenter:** VIDANA, Isaak (INFN)

**Session Classification:** CBM Session V



Contribution ID: 23

Type: **not specified**

## Hypernuclei Experiments

*Sunday, 14 April 2019 09:45 (45 minutes)*

**Presenter:** SAITO, Take (RIKEN)

**Session Classification:** CBM Session V

Contribution ID: 24

Type: **not specified**

## **Astrophysics and CBM**

*Sunday, 14 April 2019 10:30 (30 minutes)*

**Presenter:** SENGER, Peter (GSI/CCNU)

**Session Classification:** CBM Session V

Contribution ID: 25

Type: **not specified**

## Status on CBM Software

*Sunday, 14 April 2019 11:20 (30 minutes)*

**Presenter:** FRIESE, Volker (GSI)

**Session Classification:** CBM Session VI

Contribution ID: 26

Type: **not specified**

## **Status on Particle Reconstruction at CBM**

*Sunday, 14 April 2019 11:50 (30 minutes)*

**Presenter:** VASSILIEV, Iouri (GSI)

**Session Classification:** CBM Session VI

Contribution ID: 27

Type: **not specified**

## **Deuteron v1 from STAR BES-I**

*Sunday, 14 April 2019 14:00 (30 minutes)*

**Presenter:** HE, Xionghong (IMP)

**Session Classification:** CBM Session VII

Contribution ID: 28

Type: **not specified**

## **High Precision Time Measurement Electronics Research Progress in USTC**

*Friday, 12 April 2019 15:40 (20 minutes)*

**Presenter:** ZHAO, Lei (USTC)

**Session Classification:** MPD@NICA Discussion I

Contribution ID: 29

Type: **not specified**

## **Energy Dependence of Triton Production and Neutron Density Fluctuations at RHIC**

*Sunday, 14 April 2019 14:30 (20 minutes)*

**Presenter:** ZHANG, Dingwei (CCNU)

**Session Classification:** CBM Session VII

Contribution ID: 30

Type: **not specified**

## **Beam Energy Dependence of the Squeeze-out Effect on the Directed and Elliptic Flow in Au+Au Collisions in High Baryon Density Region**

*Sunday, 14 April 2019 14:50 (20 minutes)*

**Presenter:** ZHANG, Chao (CCNU)

**Session Classification:** CBM Session VII



Contribution ID: 31

Type: **not specified**

## **Energy Dependence of Cumulants of Net-Proton, Net-Kaon and Net-Charge Multiplicity Distributions in Au+Au Collisions within JAM Model**

*Sunday, 14 April 2019 15:10 (20 minutes)*

**Presenter:** ZHANG, Yu (CCNU)

**Session Classification:** CBM Session VII

Contribution ID: 32

Type: **not specified**

## Closing Remarks

*Sunday, 14 April 2019 15:30 (20 minutes)*

**Presenter:** SENGER, Peter (GSI/CCNU)

**Session Classification:** CBM Session VII