

华中师范大学粒子物理研究所  
夸克与轻子物理教育部重点实验室第 2 届高能核物理“青年之星”2016 年度学术论坛

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Measurements of Open Heavy Flavor Production in Semi-leptonic Channels at STAR

*Thursday 15 December 2016 10:40 (20 minutes)*

**Presenter:** BAI, Xiaozhi

**Session Classification:** Morning Session II

Contribution ID: 2

Type: **not specified**

## **Revisiting the one leptoquark solution to the $R(D^{(*)})$ anomalies and its phenomenological implications**

*Thursday 15 December 2016 11:00 (20 minutes)*

**Presenter:** ZHANG, Xin

**Session Classification:** Morning Session II

Contribution ID: 3

Type: **not specified**

## **Baryon to meson ratio in jets and underlying events in pp, p-Pb, Pb-Pb collisions measured in ALICE**

*Thursday 15 December 2016 11:20 (20 minutes)*

**Presenter:** ZHANG, Yonghong

**Session Classification:** Morning Session II

Contribution ID: 4

Type: **not specified**

## Pre-research for CEPC Cherenkov Detector

*Thursday 15 December 2016 11:40 (20 minutes)*

**Presenter:** FENG, Jianxin

**Session Classification:** Morning Session II

Contribution ID: 5

Type: **not specified**

## **Productions of $\eta$ , $\rho^0$ and $\phi$ at large transverse momentum in Heavy ion Collisions with NLO pQCD**

*Thursday 15 December 2016 12:00 (20 minutes)*

**Presenter:** Dr DAI, Wei

**Session Classification:** Morning Session II

Contribution ID: 6

Type: **not specified**

## Opening address

*Thursday 15 December 2016 08:30 (10 minutes)*

**Presenter:** Prof. YANG, Yadong

**Session Classification:** Morning Session I

Contribution ID: 7

Type: **not specified**

## Study of flavor physics at LHCb

*Thursday 15 December 2016 08:40 (20 minutes)*

**Presenter:** Dr YU, Jiesheng

**Session Classification:** Morning Session I



Contribution ID: 8

Type: **not specified**

## **Effects of Nucleon Potential on the Cumulants of Net-Proton and Net-Baryon Multiplicity Distributions in Au+Au Collisions at $\sqrt{s_{NN}} = 5$ GeV**

*Thursday 15 December 2016 09:20 (20 minutes)*

**Presenter:** HE, Shu

**Session Classification:** Morning Session I

Contribution ID: 9

Type: **not specified**

# Jet-induced medium excitation in heavy ion collision

*Thursday 15 December 2016 09:00 (20 minutes)*

**Presenter:** CHEN, Wei

**Session Classification:** Morning Session I

Contribution ID: 10

Type: **not specified**

## **Probing transverse momentum broadening via dihadron and hadron-jet angular correlations in relativistic heavy-ion collisions**

*Thursday 15 December 2016 09:40 (20 minutes)*

**Presenter:** CHEN, Lin

**Session Classification:** Morning Session I

Contribution ID: 11

Type: **not specified**

## **Nucleon spin structure and multiparticle production with parton constituent assumptions**

*Thursday 15 December 2016 10:00 (20 minutes)*

**Presenter:** Dr ZHENG, Liang

**Session Classification:** Morning Session I

Contribution ID: 12

Type: **not specified**

## **Advanced initial energy densities in pp, CuCu, AuAu, PbPb collisions**

*Thursday 15 December 2016 14:00 (20 minutes)*

**Presenter:** JIANG, Zefang

**Session Classification:** Afternoon Session I

Contribution ID: 13

Type: **not specified**

## Higher Moments of Net-Kaon Multiplicity Distributions at STAR

*Thursday 15 December 2016 15:00 (20 minutes)*

**Presenter:** XU, Ji

**Session Classification:** Afternoon Session I

Contribution ID: 14

Type: **not specified**

## **Medium-induced photon and gluon radiation via transverse and longitudinal scattering**

*Thursday 15 December 2016 14:40 (20 minutes)*

**Presenter:** ZHANG, Le

**Session Classification:** Afternoon Session I

Contribution ID: 15

Type: **not specified**

## **W and Z boson production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ with ALICE**

*Thursday 15 December 2016 14:20 (20 minutes)*

**Presenter:** ZHU, Jianhui

**Session Classification:** Afternoon Session I



Contribution ID: 16

Type: **not specified**

## **Baryon-Strangeness Correlations in Au+Au Collisions at RHIC BES energies from UrQMD Model**

*Thursday 15 December 2016 15:20 (20 minutes)*

**Presenter:** YANG, Zhenzhen

**Session Classification:** Afternoon Session I

Contribution ID: 17

Type: **not specified**

## $\pi^0$ v2 and CMW at LHC-ALICE

*Thursday 15 December 2016 16:20 (20 minutes)*

**Presenter:** Dr SHOU, Qiye

**Session Classification:** Afternoon Session II

Contribution ID: 18

Type: **not specified**

## **Centrality-like dependence of the pseudorapidity density distribution of charged particles in pp collisions at $\sqrt{s} = 13$ TeV**

*Thursday 15 December 2016 17:00 (20 minutes)*

**Presenter:** Dr PALNI, Prabhakar

**Session Classification:** Afternoon Session II

Contribution ID: **19**

Type: **not specified**

## **Dijet energy imbalance**

*Thursday 15 December 2016 17:20 (20 minutes)*

**Presenter:** Dr WEI, Shuyi

**Session Classification:** Afternoon Session II

Contribution ID: 21

Type: **not specified**

## Summary and Conclusion

*Thursday 15 December 2016 17:40 (20 minutes)*

**Presenter:** Prof. ZHANG, Benwei

**Session Classification:** Afternoon Session II

Contribution ID: 23

Type: **not specified**

## Flavor changing nucleon decay

*Thursday 15 December 2016 16:00 (20 minutes)*

**Presenter:** Dr YU, Muramatsu

**Session Classification:** Afternoon Session II

Contribution ID: 24

Type: **not specified**

## Phase Transitions

*Thursday 15 December 2016 16:40 (20 minutes)*

**Presenter:** Dr TOMIYA, Akio

**Session Classification:** Afternoon Session II