

Opportunities and Challenges with Jets at LHC and beyond

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome Address

Sunday, June 10, 2018 8:30 AM (10 minutes)

Presenter: XU, Nu (LBNL)

Session Classification: Session I

Contribution ID: 2

Type: **not specified**

Experimental brainstorm: opportunities and challenges in jet measurements

Sunday, June 10, 2018 8:40 AM (40 minutes)

Presenter: MORSCH, Andreas (CERN)

Session Classification: Session I

Contribution ID: 3

Type: **not specified**

Theoretical brainstorm: opportunities and challenges in jet measurements

Sunday, June 10, 2018 9:20 AM (40 minutes)

Presenter: WANG, Xin-Nian (Central China Normal University (China)) / Lawrence Berkeley Na

Session Classification: Session I

Contribution ID: 4

Type: **not specified**

Flow-subtracted awayside jetlike correlations relative to the reaction plane

Presenter: WANG, Fuqiang (Purdue University (US))

Session Classification: Session II

Contribution ID: 5

Type: **not specified**

Jet substructure observables involving hadrons and jets

Sunday, June 10, 2018 11:00 AM (30 minutes)

Presenter: RINGER, Felix (Lawrence Berkeley National Laboratory)

Session Classification: Session II

Contribution ID: 6

Type: **not specified**

jet-hadron correlations

Sunday, June 10, 2018 2:00 PM (30 minutes)

Presenter: NATTRASS, Christine (University of Tennessee (US))

Session Classification: Session III

Contribution ID: 7

Type: **not specified**

Heavy flavors in heavy ion collisions

Monday, June 11, 2018 8:30 AM (30 minutes)

Presenter: ZHUANG, Pengfei (Tsinghua University)

Session Classification: Session I

Contribution ID: 8

Type: **not specified**

γ -jet fragmentation function & jet-induced medium response

Monday, June 11, 2018 4:00 PM (30 minutes)

Presenter: CHEN, WEI (CCNU)

Session Classification: Session IV

Contribution ID: 9

Type: **not specified**

tbd

Session Classification: Session II

Contribution ID: **10**

Type: **not specified**

Wrap up: Prospective for jet physics

Tuesday, June 12, 2018 11:10 AM (40 minutes)

Presenter: LEE, Yen-Jie (Massachusetts Inst. of Technology (US))

Session Classification: Session II

Contribution ID: 11

Type: **not specified**

Wrap up: prospective for heavy flavor physics

Tuesday, June 12, 2018 10:30 AM (40 minutes)

Presenter: XIE, Wei (Purdue University (US))

Session Classification: Session II

Contribution ID: 12

Type: **not specified**

Centrality fluctuations in heavy ion collisions

Tuesday, June 12, 2018 9:00 AM (30 minutes)

Presenter: JIA, Jiangyong (Stony brook Universty (US))

Session Classification: Session I

Contribution ID: 13

Type: **not specified**

Close remark

Tuesday, June 12, 2018 11:50 AM (10 minutes)

Primary author: ZHANG, Ben-Wei (Central China Normal University)

Presenters: ZHANG, Ben-Wei (Central China Normal University); WANG, Xin-Nian (Central China Normal University (China)) / Lawrence Berkeley Na

Session Classification: Session II

Contribution ID: 14

Type: **not specified**

Probing the Color Structure of the Perfect QCD Fluids via Soft-Hard-Event-by-Event Azimuthal Correlations

Tuesday, June 12, 2018 8:30 AM (30 minutes)

Presenter: LIAO, Jinfeng (Indiana University)

Session Classification: Session I

Contribution ID: 15

Type: **not specified**

Recent STAR Jet and High pT Results

Sunday, June 10, 2018 11:30 AM (30 minutes)

Presenter: YI, Li (Yale University)

Session Classification: Session II

Contribution ID: 16

Type: **not specified**

Hadronization: From Dilute To Dense Systems

Tuesday, June 12, 2018 9:30 AM (30 minutes)

Presenter: FRIES, Rainer (Texas A&M University)

Session Classification: Session I

Contribution ID: 17

Type: **not specified**

Experimental heavy flavor physics overview

Monday, June 11, 2018 9:00 AM (30 minutes)

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

Session Classification: Session I

Contribution ID: **18**

Type: **not specified**

tbd

Presenter: HE, Min

Session Classification: Session I

Contribution ID: 19

Type: **not specified**

Heavy Quarkonium Dissociation by Thermal Gluons at Next-to-leading in the Quark-Gluon Plasma

Monday, June 11, 2018 9:30 AM (30 minutes)

Presenter: HE, Min (Nanjing University of Science & Technology)

Session Classification: Session I

Contribution ID: 20

Type: **not specified**

h+jet correlations in ALICE

Sunday, June 10, 2018 3:00 PM (30 minutes)

Presenter: KRIZEK, Filip (Acad. of Sciences of the Czech Rep. (CZ))

Session Classification: Session III

Contribution ID: **21**

Type: **not specified**

tbd

Session Classification: Session III

Contribution ID: 22

Type: **not specified**

Multiplicity-dependent jet modification in p+p collisions at LHC energies

Sunday, June 10, 2018 4:00 PM (30 minutes)

Presenter: VERTESI, Robert (Hungarian Academy of Sciences (HU))

Session Classification: Session IV

Contribution ID: 23

Type: **not specified**

Measurements of open-bottom and -charm hadron productions with STAR detector

Monday, June 11, 2018 2:00 PM (30 minutes)

Presenter: Dr OH, Kunsu (Central China Normal University)

Session Classification: Session II

Contribution ID: 24

Type: **not specified**

Calibrate a linear Boltzmann + Langevin hybrid heavy quark transport model in heavy-ion collisions at the LHC

Monday, June 11, 2018 2:30 PM (30 minutes)

Presenter: KE, Weiyao (Duke University)

Session Classification: Session II

Contribution ID: 25

Type: **not specified**

D-meson production in jets in pp and PbPb collisions with the CMS detector

Monday, June 11, 2018 10:30 AM (30 minutes)

Presenter: WANG, Jing (Massachusetts Inst. of Technology (US))

Session Classification: Session III

Contribution ID: 26

Type: **not specified**

probing the QGP transport properties with jet correlations

Sunday, June 10, 2018 2:30 PM (30 minutes)

Presenter: Mr CHEN, Lin (Central China Normal University)

Session Classification: Session III

Contribution ID: 27

Type: **not specified**

The Production and Angular Correlations of the $b\bar{b}$ Dijet in Pb+Pb collision at LHC

Monday, June 11, 2018 11:00 AM (30 minutes)

Presenter: Dr DAI, Wei (China University of Geosciences)

Session Classification: Session III

Contribution ID: 28

Type: **not specified**

Z^0 -jet correlation with NLO-matched parton-shower and jet-medium interaction in high-energy nuclear collisions

Sunday, June 10, 2018 5:30 PM (30 minutes)

Presenter: Mr ZHANG, Shanliang (Central China Normal University)

Session Classification: Session IV

Contribution ID: 29

Type: **not specified**

Linear Boltzmann Transport for Jet propagation in the Quark Gluon Plasma

Sunday, June 10, 2018 4:30 PM (30 minutes)

Presenter: LUO, Tan (Central China Normal University)

Session Classification: Session IV

Contribution ID: **30**

Type: **not specified**

jet physics overview in ALICE

Sunday, June 10, 2018 10:30 AM (30 minutes)

Presenter: CHUJO, Tatsuya (University of Tsukuba (JP))

Session Classification: Session II

Contribution ID: 31

Type: **not specified**

HF jets and correlations with ALICE

Monday, June 11, 2018 11:30 AM (30 minutes)

Presenter: ZHANG, Xiaoming (Central China Normal University CCNU (CN))

Session Classification: Session III

Contribution ID: **32**

Type: **not specified**

Open HF in Pb-Pb collisions with ALICE

Monday, June 11, 2018 3:00 PM (30 minutes)

Presenter: ZHANG, Zuman (Central China Normal University CCNU (CN))

Session Classification: Session II

Contribution ID: 33

Type: **not specified**

Probing medium-induced jet splitting and energy loss in heavy-ion collisions

Sunday, June 10, 2018 5:00 PM (30 minutes)

Presenter: NINGBO, Chang

Session Classification: Session IV

Contribution ID: **34**

Type: **not specified**

Discussions

Monday, June 11, 2018 5:00 PM (1 hour)

Presenters: JACAK, Barbara (University of California Berkeley (US)); ANTINORI, Federico (Università e INFN, Padova (IT))

Session Classification: Session IV

Contribution ID: 35

Type: **not specified**

Measurement of photon-tagged jet substructure with CMS

Monday, June 11, 2018 4:30 PM (30 minutes)

Presenter: BI, Ran (Massachusetts Inst. of Technology (US))

Session Classification: Session IV