

Santa Fe Jets and Heavy Flavor Workshop

Report of Contributions

Contribution ID: 33

Type: **not specified**

Welcome

Monday, February 13, 2017 9:00 AM (10 minutes)

Presenter: Dr VITEV, Ivan (Los Alamos National Laboratory)

Session Classification: Session 1

Contribution ID: **34**

Type: **not specified**

NNLO QCD

Monday, February 13, 2017 9:10 AM (30 minutes)

Presenter: BOUGHEZAL, Radja

Session Classification: Session 1

Contribution ID: 35

Type: **not specified**

Hard jet substructure in p-Pb collisions at 5 TeV with ALICE

Monday, February 13, 2017 9:40 AM (30 minutes)

Presenter: LAPIDUS, Kirill

Session Classification: Session 1

Contribution ID: 36

Type: **not specified**

Subjet distributions in heavy-ion collisions

Monday, February 13, 2017 10:10 AM (30 minutes)

Presenter: Dr CHIEN, Yang-Ting (Los Alamos National Laboratory)

Session Classification: Session 1

Contribution ID: 37

Type: **not specified**

Measurements of jet production and structure in pp, pPb and PbPb collisions with the ATLAS detector at the LHC

Monday, February 13, 2017 11:00 AM (30 minutes)

Presenter: PEREPELITSA, Denis

Session Classification: Session 2

Contribution ID: **38**

Type: **not specified**

New Observables for Jet Substructure at the LHC

Monday, February 13, 2017 11:30 AM (30 minutes)

Presenter: MOULT, Ian (Lawrence Berkeley Laboratory)

Session Classification: Session 2

Contribution ID: **39**

Type: **not specified**

CMS Overview

Monday, February 13, 2017 12:00 PM (30 minutes)

Presenter: JUNG, Kurt

Session Classification: Session 2

Contribution ID: 40

Type: **not specified**

Quarkonium production in heavy ion collisions with ATLAS at the LHC

Monday, February 13, 2017 2:00 PM (30 minutes)

Presenter: HU, Qipeng

Session Classification: Session 3

Contribution ID: 41

Type: **not specified**

Heavy vs. light hadron production and medium modification at RHIC and LHC

Monday, February 13, 2017 2:30 PM (30 minutes)

Presenter: CAO, Shanshan

Session Classification: Session 3

Contribution ID: 42

Type: **not specified**

Measurements of heavy-flavour hadron decay leptons with the ALICE detector

Monday, February 13, 2017 3:00 PM (30 minutes)

Presenter: Dr THOMAS, Deepa (UT Austin)

Session Classification: Session 3

Contribution ID: 43

Type: **not specified**

Applications of AdS/CFT and pQCD to energy loss calculations in QGP

Monday, February 13, 2017 4:00 PM (30 minutes)

Presenter: HOROWITZ, William

Session Classification: Session 4

Contribution ID: 44

Type: **not specified**

Transverse momentum dependent fragmenting jet functions

Monday, February 13, 2017 4:30 PM (30 minutes)

Presenter: Mr MAKRIS, Yiannis (Duke University)

Session Classification: Session 4

Contribution ID: 45

Type: **not specified**

Measurements of quarkonium production in p+p, p+Au and Au+Au collisions with the STAR experiment

Monday, February 13, 2017 5:30 PM (30 minutes)

Presenter: MA, Rongrong (Brookhaven National Laboratory)

Session Classification: Session 4

Contribution ID: 46

Type: **not specified**

Charm production measurements with ALICE

Wednesday, February 15, 2017 9:00 AM (30 minutes)

Presenter: CONESA DEL VALLE, Zaida

Session Classification: Session 9

Contribution ID: 47

Type: **not specified**

Quarkonium production in jets

Wednesday, February 15, 2017 9:30 AM (30 minutes)

Presenter: BAIN, Reggie

Session Classification: Session 9

Contribution ID: 48

Type: **not specified**

The proton radius puzzle

Tuesday, February 14, 2017 9:00 AM (30 minutes)

Presenter: Prof. PAZ, Gil (Wayne State University)

Session Classification: Session 5

Contribution ID: 49

Type: **not specified**

Update on sPHENIX

Tuesday, February 14, 2017 9:30 AM (30 minutes)

Presenter: Mr YU, HAIWANG (Peking University)

Session Classification: Session 5

Contribution ID: 50

Type: **not specified**

Resummation of TMD distributions

Tuesday, February 14, 2017 10:00 AM (30 minutes)

Presenter: KANG, Daekyoung (Los Alamos National Lab)

Session Classification: Session 5

Contribution ID: 51

Type: **not specified**

CMS measurements of the Higgs, Higgs properties, and BSM searches

Tuesday, February 14, 2017 11:00 AM (30 minutes)

Presenter: PERNIE, Luca

Session Classification: Session 6

Contribution ID: 52

Type: **not specified**

Holography and modification of jet observables

Tuesday, February 14, 2017 11:30 AM (30 minutes)

Presenter: Mr SADOBYEV, Andrey (MIT)

Session Classification: Session 6

Contribution ID: 53

Type: **not specified**

Jet measurements and jet substructure in ATLAS

Tuesday, February 14, 2017 12:00 PM (30 minutes)

Presenter: GANGULY, Sanmay

Session Classification: Session 6

Contribution ID: 54

Type: **not specified**

Electroweak boson-tagged jet measurements

Tuesday, February 14, 2017 2:00 PM (30 minutes)

Presenter: Dr XING, HONGXI (Los Alamos National Laboratory)

Session Classification: Session 7

Contribution ID: 55

Type: **not specified**

Measurement of jet internal structure in p+p, p+Pb, and Pb+Pb collisions at ATLAS

Tuesday, February 14, 2017 2:30 PM (30 minutes)

Presenter: RYBAR, Martin

Session Classification: Session 7

Contribution ID: 56

Type: **not specified**

Jet modification in QGP and hydrodynamic medium response

Tuesday, February 14, 2017 3:00 PM (30 minutes)

Presenter: TACHIBANA, Yasuki

Session Classification: Session 7

Contribution ID: 57

Type: **not specified**

Heavy ion jets at RHIC and LHC: a common approach

Tuesday, February 14, 2017 4:00 PM (30 minutes)

Presenter: Dr JACOBS, Peter (Lawrence Berkeley National Laboratory)

Session Classification: Session 8

Contribution ID: 58

Type: **not specified**

Probing Transverse Momentum Broadening via Dihadron and Hadron-jet Angular Correlations in Relativistic Heavy-ion Collisions

Tuesday, February 14, 2017 4:30 PM (30 minutes)

Presenter: QIN, Guang-You

Session Classification: Session 8

Contribution ID: 59

Type: **not specified**

Quark Fluctuations and Correlations at Mid-Rapidity in Heavy Ion Collisions

Tuesday, February 14, 2017 5:00 PM (30 minutes)

Presenter: SIEVERT, Matt

Session Classification: Session 8

Contribution ID: **60**

Type: **not specified**

Heavy flavor production in hadronic and nuclear collisions at LHCb

Wednesday, February 15, 2017 10:00 AM (30 minutes)

Presenter: ILTEN, Philip

Session Classification: Session 9

Contribution ID: **61**

Type: **not specified**

Measurements of open heavy flavor production with the STAR experiment

Wednesday, February 15, 2017 11:00 AM (30 minutes)

Presenter: Mr MILLER, Zachariah (University of Illinois at Chicago; STAR)

Session Classification: Session 10

Contribution ID: 62

Type: **not specified**

Heavy-light correlations in heavy ion collisions

Wednesday, February 15, 2017 11:30 AM (30 minutes)

Presenter: GOSSIAUX, Pol-Bernard

Session Classification: Session 10

Contribution ID: **63**

Type: **not specified**

B to J/psi measurements by the PHENIX experiment

Wednesday, February 15, 2017 12:00 PM (30 minutes)

Presenter: LI, Xuan

Session Classification: Session 10

Contribution ID: **64**

Type: **not specified**

Recent CMS results on heavy-flavour and quarkonia

Wednesday, February 15, 2017 2:00 PM (30 minutes)

Presenter: INNOCENTI, Gian Michele

Session Classification: Session 11

Contribution ID: 65

Type: **not specified**

In-jet fragmentation

Wednesday, February 15, 2017 2:30 PM (30 minutes)

Presenter: KAUFMANN, Tom

Session Classification: Session 11

Contribution ID: 66

Type: **not specified**

Dijet Asymmetry in the Resummation Improved Perturbative QCD Approach

Wednesday, February 15, 2017 3:00 PM (30 minutes)

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

Session Classification: Session 11

Contribution ID: 67

Type: **not specified**

W/Z vector boson production in p-Pb and Pb-Pb collisions at LHC with nCTEQ15 PDFs

Wednesday, February 15, 2017 4:00 PM (30 minutes)

Presenter: Dr LYONNET, Florian (SMU)

Session Classification: Session 12

Contribution ID: **68**

Type: **not specified**

Linear Boltzmann transport model

Wednesday, February 15, 2017 4:30 PM (30 minutes)

Presenter: HE, Yayun

Session Classification: Session 12

Contribution ID: **69**

Type: **not specified**

Jets and Heavy Flavor from STAR

Monday, February 13, 2017 5:00 PM (30 minutes)

Presenter: KAUDER, Kolja

Session Classification: Session 4

Contribution ID: 70

Type: **not specified**

QCD corrections to single-inclusive ep scattering

Wednesday, February 15, 2017 5:00 PM (30 minutes)

Presenter: VOGELSANG, Werner

Session Classification: Session 12