

The Third China LHC Physics Workshop (CLHCP 2017)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Friday, 22 December 2017 08:30 (10 minutes)

Presenter: HUANG (黄), Qi (奇) (Nanjing University)

Session Classification: Plenary

Contribution ID: 1

Type: **not specified**

Speeches from Funding Agencies

Friday, 22 December 2017 08:40 (15 minutes)

Presenters: FANG (方) , Jianhui (建慧) (MOE); ZHANG (张) , Yongtao (永涛) (NSFC); LU (卢) , Yu (宇) (CAS)

Session Classification: Plenary

Contribution ID: 2

Type: **not specified**

Overview of LHC experiments and future plans

Friday, 22 December 2017 08:55 (25 minutes)

Presenter: Prof. ZHAO (赵), Zhengguo (政国) (USTC)

Session Classification: Plenary

Contribution ID: 3

Type: **not specified**

Report from ATLAS

Friday, 22 December 2017 09:20 (15 minutes)

Presenter: Prof. LIU (刘) , Yanwen (衍文) (USTC)

Session Classification: Plenary

Contribution ID: 4

Type: **not specified**

Report from CMS

Friday, 22 December 2017 09:35 (15 minutes)

Presenter: Prof. CHEN (陈), Guoming (国明) (高能所)

Session Classification: Plenary

Contribution ID: 5

Type: **not specified**

Report from LHCb

Friday, 22 December 2017 09:50 (15 minutes)

Presenter: Prof. GAO (高), Yuanning (原宁) (Tsinghua University)

Session Classification: Plenary

Contribution ID: 6

Type: **not specified**

Report from ALICE

Friday, 22 December 2017 10:05 (15 minutes)

Presenter: Prof. ZHOU (周), Daicui (代翠) (Central China Normal University)

Session Classification: Plenary

Contribution ID: 7

Type: **not specified**

BSM physics: theory overview

Friday, 22 December 2017 10:50 (25 minutes)

Presenter: Prof. ZHANG (张), Hao (昊) (IHEP)

Session Classification: Plenary

Contribution ID: 8

Type: **not specified**

Searches for Supersymmetry at LHC

Friday, 22 December 2017 11:15 (25 minutes)

Presenter: XU (徐) , Da (达)

Session Classification: Plenary

Contribution ID: 9

Type: **not specified**

Exotic

Friday, 22 December 2017 11:40 (25 minutes)

Presenters: ZHANG (张) , Huaqiao (华桥); YUAN (袁), Li (丽) (Beihang University)

Session Classification: Plenary

Contribution ID: **10**

Type: **not specified**

Heavy flavor physics: theory overview

Saturday, 23 December 2017 08:30 (25 minutes)

Presenter: Prof. LIU (刘), Xiang (翔) (兰州大学)

Session Classification: Plenary

Contribution ID: 11

Type: **not specified**

Highlights of rare decays and lepton universality

Saturday, 23 December 2017 08:55 (25 minutes)

Presenter: Prof. ZHENG (郑), Yangheng (阳恒) (University of Chinese Academy of Sciences)

Session Classification: Plenary

Contribution ID: 12

Type: **not specified**

CP violation in B decays

Saturday, 23 December 2017 09:20 (25 minutes)

Presenter: Dr YIN (尹), Hang (航) (华中师范大学)

Session Classification: Plenary

Contribution ID: 13

Type: **not specified**

Results of hadron production and spectroscopy

Saturday, 23 December 2017 09:45 (25 minutes)

Presenter: HE (何) , Jibo (吉波) (UCAS)

Session Classification: Plenary

Contribution ID: 14

Type: **not specified**

Heavy ion physics: theory overview

Saturday, 23 December 2017 10:40 (25 minutes)

Presenter: SONG (宋), Huichao (慧超) (Peking University)

Session Classification: Plenary

Contribution ID: 15

Type: **not specified**

Heavy ion overview (Exp)

Saturday, 23 December 2017 11:05 (25 minutes)

Presenter: MAO (毛), Yaxian (亚显) (Central China Normal University)

Session Classification: Plenary

Contribution ID: **16**

Type: **not specified**

Small system results

Saturday, 23 December 2017 11:30 (25 minutes)

Presenter: ZHANG (张), Xiaoming (晓明) (Institute of Particle Physics, Central China Normal University)

Session Classification: Plenary

Contribution ID: 17

Type: **not specified**

Higgs physics: theory overview

Sunday, 24 December 2017 08:30 (25 minutes)

Presenter: Prof. SHU (舒), Jing (菁) (ITP)

Session Classification: Plenary

Contribution ID: **18**

Type: **not specified**

SM Higgs

Sunday, 24 December 2017 08:55 (25 minutes)

Presenter: CHEN (陈), Ye (晔) (IHEP)

Session Classification: Plenary

Contribution ID: **19**

Type: **not specified**

Beyond Standard Model Higgs search at LHC

Sunday, 24 December 2017 09:20 (25 minutes)

Presenter: LI (李), Shu (数) (Tsung-Dao Lee Institute & Shanghai Jiao Tong University)

Session Classification: Plenary

Contribution ID: **20**

Type: **not specified**

SM precision

Sunday, 24 December 2017 10:15 (25 minutes)

Presenter: Dr LI (李), Qiang (强) (School of physics, Peking University)

Session Classification: Plenary

Contribution ID: 21

Type: **not specified**

China contributions to Upgrade of LHC experiments

Sunday, 24 December 2017 10:40 (25 minutes)

Presenter: Prof. HAN (韩), Liang (良) (University of Science and Technology of China (USTC))

Session Classification: Plenary

Contribution ID: 22

Type: **not specified**

Closing Announcement

Sunday, 24 December 2017 11:05 (25 minutes)

Presenter: Prof. JIN (金), Shan (山) (高能所)

Session Classification: Plenary

Contribution ID: 23

Type: **not specified**

Higgs property measurement in di-photon final states (ATLAS)

Friday, 22 December 2017 13:30 (20 minutes)

Presenter: Dr HUANG, Yanping (ihp)

Session Classification: Parallel

Contribution ID: 24

Type: **not specified**

Search for new resonances in the diphoton final state in the mass range between 70 and 110 GeV in pp collisions (CMS)

Friday, 22 December 2017 14:10 (20 minutes)

Presenter: Ms ZHANG, Sijing (league member)

Session Classification: Parallel

Contribution ID: 25

Type: **not specified**

Measurements of Higgs boson cross sections and couplings in the diphoton decay channel (CMS)

Friday, 22 December 2017 13:50 (20 minutes)

Presenter: M AAMIR SHAHZAD

Session Classification: Parallel

Contribution ID: 26

Type: **not specified**

Higgs mass measurement in $H \rightarrow ZZ \rightarrow 4l$ channel

Friday, 22 December 2017 14:30 (20 minutes)

Presenter: JAVAID TAHIR (高能所)

Session Classification: Parallel

Contribution ID: 27

Type: **not specified**

Search for the Zgamma decay mode of the Higgs boson and for new high-mass resonances in pp collisions at 13TeV with the ATLAS detector

Friday, 22 December 2017 14:50 (20 minutes)

Presenter: HAN(韩), Shuo (朔) (高能所)

Session Classification: Parallel

Contribution ID: 28

Type: **not specified**

Probing Higgs Width and Top Quark Yukawa Coupling from $t\bar{t}H$ and $t\bar{t}t\bar{t}$ Productions

Friday, 22 December 2017 15:30 (20 minutes)

Presenter: LIU, Yandong (school of physics Peking University)

Session Classification: Parallel

Contribution ID: 29

Type: **not specified**

Search for Heavy Higgs Bosons Decaying to a Top Quark Pair with the ATLAS Detector

Friday, 22 December 2017 17:10 (20 minutes)

Presenter: WANG, Jike (DESY)

Session Classification: Parallel

Contribution ID: 30

Type: **not specified**

Searches for ttH production with $\sqrt{s} = 13$ TeV pp collisions at the CMS experiment

Friday, 22 December 2017 16:10 (20 minutes)

Presenter: PENG, Na (IHEP)

Session Classification: Parallel

Contribution ID: 31

Type: **not specified**

First Evidence of Higgs Decay into bb with the ATLAS Detector

Friday, 22 December 2017 16:30 (20 minutes)

Presenter: Mr MA, Yanhui (School of Physics, Shandong University)

Session Classification: Parallel

Contribution ID: 32

Type: **not specified**

Combined Higgs Boson Couplings Measurements with 2015 and 2016 data at $\sqrt{s}=13$ TeV

Friday, 22 December 2017 16:50 (20 minutes)

Presenter: RAN, Kunlin (Beijing)

Session Classification: Parallel

Contribution ID: 33

Type: **not specified**

Evidence for Higgs boson production in association with a top quark pair with the ATLAS detector

Friday, 22 December 2017 15:50 (20 minutes)

Presenter: OSPANOV, Rustem (U)

Session Classification: Parallel

Contribution ID: 34

Type: **not specified**

Explore Extended Scalar Sector with Di-Higgs Signatures

Saturday, 23 December 2017 13:30 (20 minutes)

Presenter: YU, Jianghao (University of Massachusetts Amherst)

Session Classification: Parallel

Contribution ID: 35

Type: **not specified**

Searches for Higgs pair production with the ATLAS detector

Saturday, 23 December 2017 13:50 (20 minutes)

Presenter: LI, Xingguo (Shanghai Jiao Tong University)

Session Classification: Parallel

Contribution ID: 36

Type: **not specified**

Searches for Higgs pair production with the ATLAS detector (WW gamma gamma)

Saturday, 23 December 2017 14:10 (20 minutes)

Presenter: LI, Qi (IHEP, Beijing)

Session Classification: Parallel

Contribution ID: 37

Type: **not specified**

Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

Saturday, 23 December 2017 14:30 (20 minutes)

Presenter: Dr ZHANG, Lei (Nanjing University)

Session Classification: Parallel

Contribution ID: 38

Type: **not specified**

Measurement of the SM Higgs boson couplings using muon decay channels with the ATLAS detector

Saturday, 23 December 2017 14:50 (20 minutes)

Presenter: Prof. LI, Haifeng (Shandong University)

Session Classification: Parallel

Contribution ID: 39

Type: **not specified**

Search for the Doubly Charged Higgs decaying to WW with the ATLAS Detector

Saturday, 23 December 2017 15:10 (20 minutes)

Presenter: ZHANG, Ruiqi (University of Science and Technology of China)

Session Classification: Parallel

Contribution ID: 40

Type: **not specified**

Electroweak splitting functions and high energy showering

Presenter: CHEN (谌), Junmou (俊谋)

Contribution ID: 41

Type: **not specified**

Vector boson scattering, triple gauge-boson final states and limits on anomalous quartic gauge couplings with the ATLAS detector

Presenter: Dr LI, Bing

Contribution ID: 42

Type: **not specified**

VBS VGamma Measurement at CMS with Run1 data

Presenter: YANG, Daneng

Contribution ID: 43

Type: **not specified**

Inclusive jet production at the LHC

Friday, 22 December 2017 13:30 (20 minutes)

Presenter: LIU, Xiaohui (Beijing Normal University)

Session Classification: Parallel

Contribution ID: 44

Type: **not specified**

A fast and accurate method for perturbative resummation of pT-dependent observables

Friday, 22 December 2017 13:50 (20 minutes)

Presenter: KANG, Daekyoung (Fudan University)

Session Classification: Parallel

Contribution ID: 45

Type: **not specified**

QCD resummation of jet observables at high energy colliders

Friday, 22 December 2017 14:10 (20 minutes)

Presenter: Dr SHAO, Dingyu (CERN, Theoretical Physics Department)

Session Classification: Parallel

Contribution ID: 46

Type: **not specified**

Z+jets differential cross sections at 13 TeV

Friday, 22 December 2017 14:30 (20 minutes)

Presenter: LEE, JUNHO (school of physics Peking University)

Session Classification: Parallel

Contribution ID: 47

Type: **not specified**

Search for new phenomena in dijet events with the ATLAS detector

Friday, 22 December 2017 14:50 (20 minutes)

Presenter: ZHANG, Dengfeng (Shandong University)

Session Classification: Parallel

Contribution ID: 48

Type: **not specified**

Triboson resonance searches at CMS

Friday, 22 December 2017 13:30 (20 minutes)

Presenter: LYU (吕), Xudong (旭东) (Peking University)

Session Classification: Parallel

Contribution ID: 49

Type: **not specified**

Physics with Four Leptons in the ATLAS experiment

Friday, 22 December 2017 13:50 (20 minutes)

Presenter: WU (吴), Yusheng (雨生) (University of Science and Technology of China)

Session Classification: Parallel

Contribution ID: 50

Type: **not specified**

Search for heavy ZZ resonances in the 4l and ll $\nu\nu$ final states with the ATLAS detector

Friday, 22 December 2017 14:10 (20 minutes)

Presenter: Dr MARC, Cano (Beijing Normal University)

Session Classification: Parallel

Contribution ID: 51

Type: **not specified**

Search for Dark Matter in association with a hadronically decaying Z' vector boson in pp collisions at 13 TeV

Friday, 22 December 2017 14:30 (20 minutes)

Presenter: BARNES, Sarah (S)

Session Classification: Parallel

Contribution ID: 52

Type: **not specified**

Machine Learning and Matrix Element Matrix Method

Friday, 22 December 2017 14:50 (20 minutes)

Presenter: LI, Jing (school of physics Peking University)

Session Classification: Parallel

Contribution ID: 53

Type: **not specified**

U(1) gauge symmetry in the LHC era

Saturday, 23 December 2017 13:30 (20 minutes)

Presenter: CHAO (晔), Wei (伟) (Beijing Normal University)

Session Classification: Parallel

Contribution ID: 54

Type: **not specified**

Search for new phenomena using dilepton final states with the ATLAS detector

Saturday, 23 December 2017 13:50 (20 minutes)

Presenter: LIU, Yanlin (University of Science and Technology of China)

Session Classification: Parallel

Contribution ID: 55

Type: **not specified**

Search for Z' with same flavor or different flavor lepton pair

Saturday, 23 December 2017 14:10 (20 minutes)

Presenter: FANG, Wenxing (Beihang)

Session Classification: Parallel

Contribution ID: 56

Type: **not specified**

Search for heavy resonances decaying to pairs of vector bosons in the $lvqq$ final state with the CMS detector in proton-proton collisions at $\sqrt{s} = 13$ TeV

Saturday, 23 December 2017 14:30 (20 minutes)

Presenter: HUANG (黄), Huang (璜) (北京大学物理学院研究生院)

Session Classification: Parallel

Contribution ID: 57

Type: **not specified**

Search for heavy scalar with $ZZ \rightarrow 2l2\nu$

Saturday, 23 December 2017 14:50 (20 minutes)

Presenter: WANG, Hanwen (Beihang University)

Session Classification: Parallel

Contribution ID: 58

Type: **not specified**

Search for heavy resonances decaying into WW in the $e\nu\mu\nu$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

Saturday, 23 December 2017 15:10 (20 minutes)

Presenters: ZHANG, Guangyi (University of Science and Technology of China); ZHAO (赵), Yongke (永柯) (山东大学 & LAL)

Session Classification: Parallel

Contribution ID: 59

Type: **not specified**

Detecting dark matter spins at future colliders

Saturday, 23 December 2017 16:10 (20 minutes)

Presenter: LI, Jinmian (KIAS)

Session Classification: Parallel

Contribution ID: **60**

Type: **not specified**

Flavored B-L model and dark matter

Saturday, 23 December 2017 16:30 (20 minutes)

Presenter: HAN, Chengcheng (Kavli IPMU)

Session Classification: Parallel

Contribution ID: **61**

Type: **not specified**

Constraining dark sector physics at colliders

Saturday, 23 December 2017 16:50 (20 minutes)

Presenter: ZHANG, Yu (Nanjing University)

Session Classification: Parallel

Contribution ID: 62

Type: **not specified**

Exploring Triplet-Quadruplet Fermionic Dark Matter at the LHC and Future Colliders

Saturday, 23 December 2017 17:10 (20 minutes)

Presenter: WANG, JinWei (高能所)

Session Classification: Parallel

Contribution ID: 63

Type: **not specified**

Heavy Sterile Neutrinos at CEPC

Saturday, 23 December 2017 17:30 (20 minutes)

Presenter: Dr WU, Xiaohong (East China University of Science and Technology)

Session Classification: Parallel

Contribution ID: 64

Type: **not specified**

Probing the Dark Sector through Mono-Z boson Leptonic Decays

Saturday, 23 December 2017 17:50 (20 minutes)

Presenter: YANG, Daneng (school of physics Peking University)

Session Classification: Parallel

Contribution ID: 65

Type: **not specified**

Electroweak splitting functions and high energy showering

Friday, 22 December 2017 15:30 (20 minutes)

Presenter: CHEN (谌) , Junmou (俊谋) (KIAS)

Session Classification: Parallel

Contribution ID: 66

Type: **not specified**

Vector boson scattering, triple gauge-boson final states and limits on anomalous quartic gauge couplings with the ATLAS detector

Friday, 22 December 2017 15:50 (20 minutes)

Presenter: LI, Bing (University of Michigan & University of Science and Technology of China)

Session Classification: Parallel

Contribution ID: 67

Type: **not specified**

VBS VGamma Measurement at CMS with Run1 data

Friday, 22 December 2017 16:10 (20 minutes)

Presenter: YANG, Daneng

Session Classification: Parallel

Contribution ID: 68

Type: **not specified**

VBS Measurement at CMS with Run2 data

Friday, 22 December 2017 16:30 (20 minutes)

Presenter: LU, Meng (Peking University)

Session Classification: Parallel

Contribution ID: 69

Type: **not specified**

Studies of $Z\gamma$ electroweak production in association with a high-mass di-jet system

Friday, 22 December 2017 16:50 (20 minutes)

Presenter: LIU, Bo (IHEP)

Session Classification: Parallel

Contribution ID: 70

Type: **not specified**

Sneutrino DM in the NMSSM with inverse seesaw mechanism

Saturday, 23 December 2017 16:10 (20 minutes)

Presenter: Prof. CAO, Junjie (Henan Normal University)

Session Classification: Parallel

Contribution ID: 71

Type: **not specified**

Stop in Natural SUSY at the LHC

Saturday, 23 December 2017 16:30 (20 minutes)

Presenter: Dr WU (武), Lei (雷) (悉尼大学)

Session Classification: Parallel

Contribution ID: 72

Type: **not specified**

Inclusive SUSY search with one isolated lepton

Saturday, 23 December 2017 16:50 (20 minutes)

Presenter: CHENG, Huajie (高能所)

Session Classification: Parallel

Contribution ID: 73

Type: **not specified**

Electroweak SUSY search with ditau

Saturday, 23 December 2017 17:10 (20 minutes)

Presenter: ZHU CHENZHENG

Session Classification: Parallel

Contribution ID: 74

Type: **not specified**

SUSY search with SS/3L

Saturday, 23 December 2017 17:30 (20 minutes)

Presenter: LIU YANG

Session Classification: Parallel

Contribution ID: 75

Type: **not specified**

Boosted Objects from BSM

Friday, 22 December 2017 15:30 (20 minutes)

Presenter: Prof. KANG, Zhaofeng (韩国高等研究院 (KIAS))

Session Classification: Parallel

Contribution ID: 76

Type: **not specified**

Search for anomalous couplings in boosted WW/WZ to $l \nu q \bar{q}$ production in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$

Friday, 22 December 2017 16:10 (20 minutes)

Presenter: CHEN, Cheng (Peking University)

Session Classification: Parallel

Contribution ID: 77

Type: **not specified**

Prospects of probing right-handed neutrinos via semileptonic Higgs at the LHC

Friday, 22 December 2017 16:30 (20 minutes)

Presenter: GAO, Yu

Session Classification: Parallel

Contribution ID: 78

Type: **not specified**

Improved Formalism of the Simplest Little Higgs Model and the Pseudoscalar Phenomenology

Friday, 22 December 2017 16:50 (20 minutes)

Presenter: MAO, Yingnan

Session Classification: Parallel

Contribution ID: 79

Type: **not specified**

Asymmetry Observables for Measuring Spin Correlations in Top-Quark Pair Production

Friday, 22 December 2017 15:50 (20 minutes)

Presenter: MA, Kai (Shaanxi University of Technology)

Session Classification: Parallel

Contribution ID: **80**

Type: **not specified**

Vector quark T' search

Friday, 22 December 2017 17:10 (20 minutes)

Presenter: YU, Taozhe (IHEP)

Session Classification: Parallel

Contribution ID: **81**

Type: **not specified**

DRX-II chip for the optical links upgrade of the ATLAS Pixel Detector

Saturday, 23 December 2017 13:30 (20 minutes)

Presenter: Ms ZHANG, ying (IHEP)

Session Classification: Parallel

Contribution ID: **82**

Type: **not specified**

ATLAS ITk Strip Module production

Saturday, 23 December 2017 13:50 (20 minutes)

Presenter: SHI, Xin (IHEP)

Session Classification: Parallel

Contribution ID: 83

Type: **not specified**

Digital Design and Verification of the Front-end readout chip of ITk Strip for ATLAS Phase II upgrade

Saturday, 23 December 2017 14:10 (20 minutes)

Presenter: Dr LU, Weiguo (IHEP)

Session Classification: Parallel

Contribution ID: 84

Type: **not specified**

Test Results of Prototype CMOS Strip Sensors for the ATLAS Phase II Tracker Upgrade

Saturday, 23 December 2017 14:30 (20 minutes)

Presenter: Mr CHEN, Liejian (IHEP)

Session Classification: Parallel

Contribution ID: 85

Type: **not specified**

AM based Level-1 Track Trigger R&D for the CMS Phase-II Upgrade

Saturday, 23 December 2017 14:50 (20 minutes)

Presenter: HU, Zhen (Fermilab)

Session Classification: Parallel

Contribution ID: 86

Type: **not specified**

Status of CMS phase II High granularity electromagnetic calorimeter upgrade in IHEP

Saturday, 23 December 2017 15:10 (20 minutes)

Presenter: Dr WANG, Feng (Institute of High Energy Physics)

Session Classification: Parallel

Contribution ID: 87

Type: **not specified**

R&D on high performance RPC for the ATLAS Phase-II upgrade

Saturday, 23 December 2017 16:10 (20 minutes)

Presenter: Dr SUN, Yongjie (中国科学技术大学)

Session Classification: Parallel

Contribution ID: 88

Type: **not specified**

Simulation of Signal Propagation in RPC for Atlas Phase II Upgrade

Saturday, 23 December 2017 16:30 (20 minutes)

Presenter: XIE (谢), Xiangyu (祥羽) (CERN)

Session Classification: Parallel

Contribution ID: 89

Type: **not specified**

Simulation study of MPGD technique for CMS inner muon detector upgrade

Saturday, 23 December 2017 16:50 (20 minutes)

Presenter: HUANG, Qianming (school of physics,Peking University)

Session Classification: Parallel

Contribution ID: **90**

Type: **not specified**

ATLAS Phase-I upgrade Muon sTGC Front-End Electronics

Saturday, 23 December 2017 17:10 (20 minutes)

Presenter: Dr LI, Feng (USTC)

Session Classification: Parallel

Contribution ID: 91

Type: **not specified**

TDC ASIC Design for MDT in ATLAS Phase II Upgrade

Saturday, 23 December 2017 17:30 (20 minutes)

Presenter: Dr ZHAO (赵), Lei (雷) (中国科学技术大学)

Session Classification: Parallel

Contribution ID: 92

Type: **not specified**

Design and construction of CPPF system in CMS Phase 1 L1 trigger upgrade

Saturday, 23 December 2017 17:50 (20 minutes)

Presenter: Prof. LIU ZHENAN, Zhen An (IHEP)

Session Classification: Parallel

Contribution ID: 93

Type: **not specified**

Favorable modes of doubly charmed baryon decays

Friday, 22 December 2017 13:30 (20 minutes)

Presenter: Prof. YU, Fu-Sheng (Lanzhou University)

Session Classification: Parallel

Contribution ID: 94

Type: **not specified**

Observation of X_{cc}^{++} at LHCb

Friday, 22 December 2017 13:50 (20 minutes)

Presenter: XU, Menglin (Central China Normal University)

Session Classification: Parallel

Contribution ID: 95

Type: **not specified**

Search for excited Bc states at LHCb

Friday, 22 December 2017 14:10 (20 minutes)

Presenter: AN (安), Liupan (刘攀) (Tsinghua University)

Session Classification: Parallel

Contribution ID: 96

Type: **not specified**

Studies of pentaquarks at LHCb

Friday, 22 December 2017 14:30 (20 minutes)

Presenter: WANG (王) , Mengzhen (梦臻) (清华大学高能物理中心)

Session Classification: Parallel

Contribution ID: 97

Type: **not specified**

"Decay constants" of doubly heavy baryons in QCD sum rules

Friday, 22 December 2017 14:50 (20 minutes)

Presenter: ZHAO, Zhen-Xing (Shanghai Jiao Tong University)

Session Classification: Parallel

Contribution ID: 98

Type: **not specified**

Rare fluctuation effect in NLO QCD

Friday, 22 December 2017 15:30 (20 minutes)

Presenter: XIANG (向), Wenchang (文昌) (贵州财经大学)

Session Classification: Parallel

Contribution ID: 99

Type: **not specified**

B⁺ production at LHCb

Friday, 22 December 2017 15:50 (20 minutes)

Presenter: HU, WenHua (华中师范大学)

Session Classification: Parallel

Contribution ID: **100**

Type: **not specified**

CPV in the charm sector

Friday, 22 December 2017 16:10 (20 minutes)

Presenter: SAUR, Miroslav (University of Chinese Academy of Sciences)

Session Classification: Parallel

Contribution ID: **101**

Type: **not specified**

ALICE ITS Upgrade and its Heavy-flavor Physics Program

Friday, 22 December 2017 16:30 (20 minutes)

Presenter: Prof. WANG, Yaping (Central China Normal University)

Session Classification: Parallel

Contribution ID: **102**

Type: **not specified**

Monolithic CMOS Pixel Detectors for Future Track Triggers

Friday, 22 December 2017 16:50 (20 minutes)

Presenter: WANG, Jike (D)

Session Classification: Parallel

Contribution ID: **103**

Type: **not specified**

LHCb Upgrade: Recent Development of a large Scintillating Fibre Tracker

Friday, 22 December 2017 17:10 (20 minutes)

Presenter: Dr ZENG, Ming (Tsinghua University)

Session Classification: Parallel

Contribution ID: **104**

Type: **not specified**

Test of lepton universality in semileptonic B decays

Presenter: Mr HUANG, Wenqian (UCAS)

Contribution ID: **105**

Type: **not specified**

Heavy flavor results in pPb and PbPb collisions

Saturday, 23 December 2017 16:10 (20 minutes)

Presenter: SUN, Jiayin (Tsinghua University)

Session Classification: Parallel

Contribution ID: **106**

Type: **not specified**

New insights into the hadron production mechanism in pp and p-Pb collisions at LHC

Saturday, 23 December 2017 16:30 (20 minutes)

Presenter: Dr SONG, Jun (Jining university)

Session Classification: Parallel

Contribution ID: **107**

Type: **not specified**

D0 -meson production measurements in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV with ALICE

Saturday, 23 December 2017 16:50 (20 minutes)

Presenter: PENG, xinye (Central China Normal University)

Session Classification: Parallel

Contribution ID: **108**

Type: **not specified**

Heavy Flavour muon production in 5.02 TeV PbPb collisions

Saturday, 23 December 2017 17:10 (20 minutes)

Presenter: ZHU (朱), Jianhui (剑辉) (Central China Normal University)

Session Classification: Parallel

Contribution ID: **109**

Type: **not specified**

Charmonium production measurements in p+p, p+Au and Au+Au collisions with the STAR experiment

Saturday, 23 December 2017 17:30 (20 minutes)

Presenter: LIU, Zhen (University of Science and Technology of China)

Session Classification: Parallel

Contribution ID: **110**

Type: **not specified**

dN/deta vs Multiplicity in pp interactions at sqrt(s) = 5, 7 and 13 TeV

Saturday, 23 December 2017 13:30 (20 minutes)

Presenter: FAN, Feng (Central China Normal University)

Session Classification: Parallel

Contribution ID: 111

Type: **not specified**

Measurement of the Underlying Event in pp collisions at $\sqrt{s} = 13$ TeV with the ALICE experiment at the LHC

Saturday, 23 December 2017 13:50 (20 minutes)

Presenter: REN (任), Xiaowen (小文)

Session Classification: Parallel

Contribution ID: 112

Type: **not specified**

The dependence of identified particles on transverse momentum spectrum by using different models

Saturday, 23 December 2017 14:10 (20 minutes)

Presenter: Mr MUHAMMAD, Waqas (Shanxi University)

Session Classification: Parallel

Contribution ID: 113

Type: **not specified**

Examining the model dependence of extracting the kinetic freeze-out temperature and transverse flow velocity in small collision system

Saturday, 23 December 2017 14:30 (20 minutes)

Presenter: LAO (落), Hailing (海玲) (山西大学)

Session Classification: Parallel

Contribution ID: 114

Type: **not specified**

Measurement of away-side broadening with self-subtraction of flow in Au+Au collisions at 200 GeV

Saturday, 23 December 2017 14:50 (20 minutes)

Presenter: Mr JIANG, Kun (University of Science and Technology of China)

Session Classification: Parallel

Contribution ID: 115

Type: **not specified**

Coherent photoproduction in hadronic heavy-ion collisions

Saturday, 23 December 2017 15:10 (20 minutes)

Presenter: ZHA (查), Wangmei (王妹) (中国科学技术大学近代物理系)

Session Classification: Parallel

Contribution ID: **116**

Type: **not specified**

Exploring the World of Infinitive Small

Friday, 22 December 2017 19:00 (1 hour)

Presenter: Prof. ZHAO (赵) , Zhengguo (政国) (USTC)

Session Classification: Public Colloquium by Prof. Zhao, Zhengguo

Contribution ID: **117**

Type: **not specified**

Measurement of SM Higgs boson in VBF production mode via diphoton final state on ATLAS experiment

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: YU, ZHANG (IHEP)

Session Classification: Poster Session

Contribution ID: 118

Type: **not specified**

Search for heavy resonances decaying into WW in the $e\nu\mu\nu$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: ZHANG, Guangyi (University of Science and Technology of China)

Session Classification: Poster Session

Contribution ID: **119**

Type: **not specified**

Measurement of Higgs boson production in the diphoton decay channel with the ATLAS experiment

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: WANG, Zirui (SJTU)

Session Classification: Poster Session

Contribution ID: 120

Type: **not specified**

The simplified cross-sections study on the Higgs to di-photon channel with the ATLAS RUN II data

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: Mr ZHANG, Huijun (IHEP)

Session Classification: Poster Session

Contribution ID: **121**

Type: **not specified**

Search for the ttH production mode with the multi-lepton final state

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: WANG, Chao (SDU)

Session Classification: Poster Session

Contribution ID: **122**

Type: **not specified**

The combined ttH analysis at ATLAS

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: Mr HU, Shuyang (Shanghai)

Session Classification: Poster Session

Contribution ID: 123

Type: **not specified**

Search for Higgs boson production via weak boson fusion in its association with a high-energy photon with ATLAS detector at $\sqrt{s}=13\text{TeV}$

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: Ms SHI, Liaoshan (Academia Sinica / Sun Yat-Sen University)

Session Classification: Poster Session

Contribution ID: **124**

Type: **not specified**

Search for the $b\bar{b}$ decay mode of the Higgs boson in the Standard Model

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: CHEN, Cheng (USTC)

Session Classification: Poster Session

Contribution ID: 125

Type: **not specified**

Construction of the new silicon microstrips tracker for the Phase-II ATLAS detector

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: Ms YANG, Yuzhen (高能所)

Session Classification: Poster Session

Contribution ID: 126

Type: **not specified**

Module Mounting Work for ATLAS Pixel Detector Upgrade

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: LI MENGRAN (高能所)

Session Classification: Poster Session

Contribution ID: 127

Type: **not specified**

Search for heavy resonances decaying to a photon and a hadronically decaying W/Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: LIU, Bo (IHEP)

Session Classification: Poster Session

Contribution ID: 128

Type: **not specified**

Search for dark matter production in association with a hadronically decaying vector boson at $\sqrt{s} =$ 13 TeV with the ATLAS detector at LHC

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: PARIDA, Bibhuti (Shanghai Jiao Tong University)

Session Classification: Poster Session

Contribution ID: **129**

Type: **not specified**

Measurement of the B_s^0 mixing phase ϕ_s with $B_s^0 \rightarrow J/\psi h^+ h^-$ decays

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: XU, Zehua (Tsinghua University)

Session Classification: Poster Session

Contribution ID: 130

Type: **not specified**

H \rightarrow WW VBF Production - Jet Flavour Composition of Background Processes

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: CHU XIAOTONG

Session Classification: Poster Session

Contribution ID: **131**

Type: **not specified**

Higgs to ee and mumu at CEPC

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: CHEN, Cheng (PKU)

Session Classification: Poster Session

Contribution ID: 132

Type: **not specified**

Matrix Element Method and tth in multilepton final states at $\sqrt{s} = 13$ TeV in CMS

Saturday, 23 December 2017 15:30 (20 minutes)

Presenter: LI, Jing (PKU)

Session Classification: Poster Session