

# 全国第十六届重味物理和 CP 破坏研讨会 (HFCPV-2018)

## Report of Contributions

Contribution ID: 0

Type: **not specified**

# Welcome

*Friday, 26 October 2018 08:00 (10 minutes)*

**Session Classification:** Session 1

Contribution ID: 1

Type: **not specified**

## Opening

Contribution ID: 2

Type: **not specified**

## Rare B decays at LHCb

**Presenter:** Dr LI, Yiming (LAL, CNRS, France)

Contribution ID: 3

Type: **not specified**

## CPV Violation at LHCb

**Presenter:** Prof. XIE, Yuehong (Central China Normal University)

Contribution ID: 4

Type: **not specified**

## Theoretical Overview of B Physics

**Presenter:** Prof. LI, Xin-Qiang

Contribution ID: 5

Type: **not specified**

## Tea Break

Contribution ID: 6

Type: **not specified**

## Recent Belle & Belle-II Results

**Presenter:** Prof. SHEN, Cheng-Ping



Contribution ID: 7

Type: **not specified**

## **BESIII Recent Results**

**Presenter:** Prof. WANG, Da-Yong

Contribution ID: 8

Type: **not specified**

## **Lifetimes of Singly and Doubly Charmed Baryons**

**Presenter:** Prof. CHENG, Hai-Yang

Contribution ID: 9

Type: **not specified**

## Recent Belle & Belle-II Results

**Presenter:** 沈, 成平 (北航)

Contribution ID: **10**

Type: **not specified**

## **Group Photo**

*Friday, 26 October 2018 08:20 (20 minutes)*

**Session Classification:** Session 1

Contribution ID: 11

Type: **not specified**

## Rare B decays at LHCb

*Friday, 26 October 2018 08:40 (30 minutes)*

**Presenter:** Dr LI, Yiming (LAL, CNRS, France)

**Session Classification:** Session 1

Contribution ID: 12

Type: **not specified**

## CPV in B decays at LHCb

*Friday, 26 October 2018 09:10 (30 minutes)*

**Presenter:** Prof. XIE, Yuehong (Central China Normal University)

**Session Classification:** Session 1

Contribution ID: 13

Type: **not specified**

## Theoretical Overview of B Physics

*Friday, 26 October 2018 09:40 (30 minutes)*

**Presenter:** Prof. LI, Xin-Qiang

**Session Classification:** Session 1

Contribution ID: 14

Type: **not specified**

## Recent Belle & Belle-II Results

*Friday, 26 October 2018 10:10 (30 minutes)*

**Presenter:** Prof. SHEN, Cheng-Ping

**Session Classification:** Session 2



Contribution ID: 15

Type: **not specified**

## **BESIII Recent Results**

*Friday, 26 October 2018 10:40 (30 minutes)*

**Presenter:** Prof. WANG, Da-Yong

**Session Classification:** Session 2

Contribution ID: 16

Type: **not specified**

## Highlights of theories in charm physics

*Friday, 26 October 2018 11:10 (30 minutes)*

**Presenter:** Prof. YU, Fu-Sheng

**Session Classification:** Session 2

Contribution ID: 17

Type: **not specified**

## **Charm CPV & rare decays at LHCb**

*Friday, 26 October 2018 14:00 (20 minutes)*

**Presenter:** Prof. SUN, Liang

**Session Classification:** Session 3

Contribution ID: **18**

Type: **not specified**

## **BESIII: Lambda\_c decays at BESIII**

*Friday, 26 October 2018 14:20 (20 minutes)*

**Presenter:** PAN, Yue

**Session Classification:** Session 3

Contribution ID: 19

Type: **not specified**

## Charm Baryon Weak Decays

*Friday, 26 October 2018 13:40 (20 minutes)*

**Presenter:** Prof. GENG, Chao-Qiang

**Session Classification:** Session 3

Contribution ID: 20

Type: **not specified**

## Exclusive Quarkonium Electroproduction

*Friday, 26 October 2018 14:40 (20 minutes)*

**Presenter:** Dr CHEN, Zhi-Qiang

**Session Classification:** Session 3

Contribution ID: 21

Type: **not specified**

## CP violation in charm physics

*Friday, 26 October 2018 15:00 (20 minutes)*

**Presenter:** KANG, Xian-Wei

**Session Classification:** Session 3

Contribution ID: 22

Type: **not specified**

## **Sneutrino Dark in the NMSSM with Type-I Seesaw Mechanism**

*Friday, 26 October 2018 15:40 (20 minutes)*

**Presenter:** Prof. CAO, Jun-Jie

**Session Classification:** Session 4



Contribution ID: 23

Type: **not specified**

## **A Hidden Gauged U(1) For Both RK and RD Anomalies**

*Friday, 26 October 2018 16:00 (20 minutes)*

**Presenter:** Prof. YU, Jiang-Hao

**Session Classification:** Session 4

Contribution ID: 24

Type: **not specified**

## Probing stop in natural SUSY

*Friday, 26 October 2018 16:20 (20 minutes)*

**Presenter:** Prof. WU, Lei

**Session Classification:** Session 4

Contribution ID: 25

Type: **not specified**

## HZZ 反常耦合

*Friday, 26 October 2018 16:40 (20 minutes)*

**Presenter:** Dr WANG, You-Kai

**Session Classification:** Session 4

Contribution ID: 26

Type: **not specified**

## **Z to pipi, KK a touchstone of PQCD**

*Friday, 26 October 2018 17:00 (20 minutes)*

**Presenter:** Dr CHENG, Shan

**Session Classification:** Session 4

Contribution ID: 27

Type: **not specified**

## **Matching the Quasi Meson Distribution Amplitude in RI/MOM scheme**

*Friday, 26 October 2018 17:20 (20 minutes)*

**Presenter:** Dr XU, Ji

**Session Classification:** Session 4

Contribution ID: 28

Type: **not specified**

## **Recent progress in pQCD and application to LHC physics**

*Saturday, 27 October 2018 09:20 (30 minutes)*

**Presenter:** Prof. LI, Chong-Sheng

**Session Classification:** Session 5

Contribution ID: 29

Type: **not specified**

## 最大共形原理的一些新应用

*Saturday, 27 October 2018 08:00 (20 minutes)*

**Presenter:** Prof. WU, Xing-Gang

**Session Classification:** Session 5

Contribution ID: **30**

Type: **not specified**

## **QCD aspects of heavy quark decays**

*Saturday, 27 October 2018 08:20 (20 minutes)*

**Presenter:** Prof. WANG, Yu-Ming

**Session Classification:** Session 5



Contribution ID: 31

Type: **not specified**

## **Chiral study of open charm meson resonances**

*Saturday, 27 October 2018 08:40 (20 minutes)*

**Presenter:** Prof. GUO, Zhi-Hui

**Session Classification:** Session 5

Contribution ID: 32

Type: **not specified**

## Opening address

*Friday, 26 October 2018 08:10 (10 minutes)*

**Presenter:** HUANG, Tao

**Session Classification:** Session 1

Contribution ID: 33

Type: **not specified**

## **Experimental Status of Conventional Charmonium Spectroscopy**

*Friday, 26 October 2018 17:40 (20 minutes)*

**Presenter:** Dr WANG, Xiong-Fei

**Session Classification:** Session 4

Contribution ID: 34

Type: **not specified**

## Banquet

*Friday, 26 October 2018 18:00 (1h 40m)*

Contribution ID: 35

Type: **not specified**

## 模型无关方法研究 R\_J\Psi

*Saturday, 27 October 2018 09:00 (20 minutes)*

**Presenter:** ZHU, Rui-Lin

**Session Classification:** Session 5

Contribution ID: 36

Type: **not specified**

## Charmed meson hadronic decays at BESII

*Saturday, 27 October 2018 10:10 (20 minutes)*

**Presenter:** KE, Bai-Qian

**Session Classification:** Session 6

Contribution ID: 37

Type: **not specified**

## **Charmed meson leptonic and semi-leptonic decays at BESIII**

*Saturday, 27 October 2018 10:30 (20 minutes)*

**Presenter:** ZHAO, Ming-Gang

**Session Classification:** Session 6

Contribution ID: **38**

Type: **not specified**

## **Probing millicharge at the BESIII detector**

*Saturday, 27 October 2018 10:50 (20 minutes)*

**Presenter:** Prof. LIU, Zuo-Wei

**Session Classification:** Session 6



Contribution ID: 39

Type: **not specified**

## **BESIII 上超子的横向极化和 CP 破坏研究**

*Saturday, 27 October 2018 11:10 (20 minutes)*

**Presenter:** Prof. PING, Rong-Gang

**Session Classification:** Session 6

Contribution ID: 40

Type: **not specified**

## Search muon to electron conversion at J-PARC

*Saturday, 27 October 2018 11:30 (20 minutes)*

**Presenter:** XING, Tian-Yu

**Session Classification:** Session 6

Contribution ID: 41

Type: **not specified**

## 希格斯玻色子的主要衰变道的发现

*Saturday, 27 October 2018 11:50 (20 minutes)*

**Presenter:** LIANG, Zhi-Jun

**Session Classification:** Session 6

Contribution ID: 42

Type: **not specified**

## **Testing the Relativistic effects of the semileptonic B<sub>c</sub> decays to charmonium in the Bethe-Salpeter method**

*Saturday, 27 October 2018 14:00 (20 minutes)*

**Presenter:** WANG, Guo-Li

**Session Classification:** Session 7

Contribution ID: 43

Type: **not specified**

## **Spectroscopy (& production) studies at LHCb**

*Saturday, 27 October 2018 14:20 (20 minutes)*

**Presenter:** HE, Jibo (UCAS)

**Session Classification:** Session 7

Contribution ID: 44

Type: **not specified**

## **Weak decays of doubly heavy baryons: recent progresses**

*Saturday, 27 October 2018 14:40 (20 minutes)*

**Presenter:** Dr ZHAO, Zhen-Xing

**Session Classification:** Session 7

Contribution ID: 45

Type: **not specified**

## **Production of doubly heavy-flavored hadrons at $e^+e^-$ colliders**

*Saturday, 27 October 2018 15:00 (20 minutes)*

**Presenter:** ZHENG, Xu-Chang

**Session Classification:** Session 7

Contribution ID: 46

Type: **not specified**

## **Weak Decays of Doubly Heavy Baryons: $B_{cc} \rightarrow B_c V$**

*Saturday, 27 October 2018 15:20 (20 minutes)*

**Presenter:** JIANG, Li-Juan

**Session Classification:** Session 7



Contribution ID: 47

Type: **not specified**

## **Study of Bc semileptonic decays in pQCD factorization approach**

*Saturday, 27 October 2018 15:40 (20 minutes)*

**Presenter:** HU, Xue-Qing

**Session Classification:** Session 7

Contribution ID: 48

Type: **not specified**

## Dark Photon Jets

*Saturday, 27 October 2018 16:20 (20 minutes)*

**Presenter:** LI, Hsiang-Nan

**Session Classification:** Session 8

Contribution ID: 49

Type: **not specified**

## **Dark photon search at future e+ e- collider**

*Saturday, 27 October 2018 16:40 (20 minutes)*

**Presenter:** Dr HE, Min

**Session Classification:** Session 8

Contribution ID: 50

Type: **not specified**

## Limits on Top-Higgs Interaction from Multi-Top Final States

*Saturday, 27 October 2018 17:00 (20 minutes)*

**Presenter:** Prof. LIU, Yan-Dong

**Session Classification:** Session 8

Contribution ID: 51

Type: **not specified**

## The Direct Coupling of Light Quarks to Heavy Di-quarks

*Saturday, 27 October 2018 17:20 (20 minutes)*

**Presenter:** AN, Hai-Peng

**Session Classification:** Session 8

Contribution ID: 52

Type: **not specified**

## **From inflation to cosmological electroweak phase transition with a complex scalar singlet**

*Saturday, 27 October 2018 17:40 (20 minutes)*

**Presenter:** CHENG, Wei

**Session Classification:** Session 8

Contribution ID: 53

Type: **not specified**

## 标准模型框架下的中微子震荡

**Presenter:** WANG, Hai-Jun

Contribution ID: 54

Type: **not specified**

## **Lifetimes of Singly and Doubly Charmed Baryons**

*Sunday, 28 October 2018 08:00 (30 minutes)*

**Presenter:** Prof. CHENG, Hai-Yang

**Session Classification:** Session 9



Contribution ID: 55

Type: **not specified**

## 重子型 B 介子衰变

*Sunday, 28 October 2018 08:30 (20 minutes)*

**Presenter:** XIAO, You-Guo

**Session Classification:** Session 9

Contribution ID: 56

Type: **not specified**

## **Heavy quarkonium production through the top quark rare decays via the channels involving FCNC**

*Sunday, 28 October 2018 08:50 (20 minutes)*

**Presenter:** NIU, Juan-Juan

**Session Classification:** Session 9

Contribution ID: 57

Type: **not specified**

## **NNLO+NNLL' QCD differential distributions of boosted top pair productions at LHC**

*Sunday, 28 October 2018 09:10 (20 minutes)*

**Presenter:** WANG, Xing

**Session Classification:** Session 9

Contribution ID: 58

Type: **not specified**

## **Asymmetry Observables for Probing $CP$ -Violating Yukawa Interaction of Top-Quark**

*Sunday, 28 October 2018 09:30 (20 minutes)*

**Presenter:** MA, Kai

**Session Classification:** Session 9

Contribution ID: 59

Type: **not specified**

## **J/ $\Psi$ polarization in pp collision at $\sqrt{s}=7\text{TeV}$**

*Sunday, 28 October 2018 10:10 (20 minutes)*

**Presenter:** FENG, Yu

**Session Classification:** Session 10

Contribution ID: 60

Type: **not specified**

## Revisiting the radiative decays $J/\Psi \rightarrow \gamma \eta'$

*Sunday, 28 October 2018 10:30 (20 minutes)*

**Presenter:** HE, Jun-Kang

**Session Classification:** Session 10

Contribution ID: 61

Type: **not specified**

## **The unitary constraints for dimension six operators in SMEFT**

*Sunday, 28 October 2018 10:50 (20 minutes)*

**Presenter:** ZHANG, Ya

**Session Classification:** Session 10

Contribution ID: 62

Type: **not specified**

## Heavy-flavored tetraquark states with the $Q Q \bar{Q} \bar{Q}$ configuration

*Sunday, 28 October 2018 11:10 (20 minutes)*

**Presenter:** WU, Jing

**Session Classification:** Session 10



Contribution ID: 63

Type: **not specified**

## Heavy Flavour at CMS

*Sunday, 28 October 2018 11:30 (20 minutes)*

**Presenter:** LI, Linwei

**Session Classification:** Session 10

Contribution ID: 64

Type: **not specified**

## **Radiative decays $hc \rightarrow \gamma \eta'$**

*Sunday, 28 October 2018 11:50 (20 minutes)*

**Presenter:** FAN, Chao-Jie

**Session Classification:** Session 10

Contribution ID: 65

Type: **not specified**

## **Self-consistency and covariance of light-front quark models**

*Sunday, 28 October 2018 14:00 (20 minutes)*

**Presenter:** Prof. CHANG, Qin

**Session Classification:** Session 11

Contribution ID: 66

Type: **not specified**

## **D0-D0bar mixing parameter $\gamma$ in FAT approach**

*Sunday, 28 October 2018 14:20 (20 minutes)*

**Presenter:** Dr JIANG, Hua-Yu

**Session Classification:** Session 11

Contribution ID: 67

Type: **not specified**

# Flavor Violating Higgs Couplings in Minimal Flavor Violation

*Sunday, 28 October 2018 14:40 (20 minutes)*

**Presenter:** YUAN, Xing-Bo

**Session Classification:** Session 11

Contribution ID: 68

Type: **not specified**

## **Strong decays of the orbitally excited scalar $D_0^*$ mesons**

*Sunday, 28 October 2018 15:00 (20 minutes)*

**Presenter:** TAN, Xiao-Ze

**Session Classification:** Session 11

Contribution ID: 69

Type: **not specified**

## Investigation of the light tetraquark states with $J^{PC}=0^{+-}$

*Sunday, 28 October 2018 15:20 (20 minutes)*

**Presenter:** FU, Yi-Chao

**Session Classification:** Session 11

Contribution ID: 70

Type: **not specified**

## Footprints of New Physics in $b \rightarrow c\tau\nu$ Transitions

*Sunday, 28 October 2018 15:40 (20 minutes)*

**Presenter:** HUANG, Zhuo-Ran

**Session Classification:** Session 11



Contribution ID: 71

Type: **not specified**

## **Status and prospectes of Belle experiment**

*Sunday, 28 October 2018 16:20 (30 minutes)*

**Presenter:** WANG, Xiao-Long

**Session Classification:** Session 12

Contribution ID: 72

Type: **not specified**

## **BESIII prospect**

*Sunday, 28 October 2018 16:50 (30 minutes)*

**Presenter:** LV, Xiao-Rui

**Session Classification:** Session 12

Contribution ID: 73

Type: **not specified**

## **LHCb upgrade and prospects**

*Sunday, 28 October 2018 17:20 (30 minutes)*

**Presenter:** YANG, Zhen-Wei

**Session Classification:** Session 12

Contribution ID: 74

Type: **not specified**

## 中国物理 C 介绍

*Sunday, 28 October 2018 17:50 (10 minutes)*

**Presenter:** DONG, Hai-Rong

**Session Classification:** Session 12

Contribution ID: 75

Type: **not specified**

## 会议总结

*Sunday, 28 October 2018 18:05 (15 minutes)*

**Presenter:** WANG, Wei

**Session Classification:** Session 12

Contribution ID: 76

Type: **not specified**

## **HFCPV-2019**

*Sunday, 28 October 2018 18:00 (5 minutes)*

**Presenter:** LI, Run-Hui (Inner Mongolia University)

**Session Classification:** Session 12