

第 4 届 LHCb 前沿物理研讨会

Report of Contributions

Contribution ID: 1

Type: **not specified**

粲偶素

Contribution ID: 2

Type: **not specified**

稀有衰变

Contribution ID: 3

Type: **not specified**

学生

Contribution ID: 5

Type: **not specified**

学生

Contribution ID: 6

Type: **not specified**

奇特态 + ending

Contribution ID: 8

Type: **not specified**

重子衰变中 CP 破坏 【LHCb 实验】

Presenter: Mr 戴, 鑫琛 (北京大学)

Session Classification: CPV (艳席、尹航)

Contribution ID: 9

Type: **not specified**

Gamma 角测量 【LHCb 实验】

Tuesday, 30 July 2024 09:30 (25 minutes)

Presenter: 周, 晓康 (华中师范大学)

Session Classification: CPV (艳席、尹航)

Contribution ID: 10

Type: **not specified**

B->VV 相关理论研究【理论】

Tuesday, 30 July 2024 10:25 (35 minutes)

Presenter: Ms 李, 亚 (南京农业大学)

Session Classification: CPV (艳席、尹航)

Contribution ID: 11

Type: **not specified**

Kpi 理论进展 【理论】

Presenter: Mr 刘, 新 (江苏师范大学)

Session Classification: CPV (艳席、尹航)

Contribution ID: 12

Type: **not specified**

Everything of baryon CPV: Why? What? When?

Tuesday, 30 July 2024 11:25 (35 minutes)

Presenter: Mr 于, 福升 (兰州大学)

Session Classification: CPV (艳席、尹航)

Contribution ID: 13

Type: **not specified**

底介子衰变中的 CP 破坏 【LHCb 实验】

Tuesday, 30 July 2024 08:30 (25 minutes)

Presenters: CHEN, Shanzhen (IHEP, CAS); CHEN, Shanzhen (IHEP, CAS); CHEN, Shanzhen (IHEP, CAS)

Session Classification: CPV (艳席、尹航)

Contribution ID: 14

Type: **not specified**

Predicting isovector charmonium-like states from X(3872) properties 【理论】

Sunday, 28 July 2024 13:45 (25 minutes)

Presenter: ZHANG, zhenhua (Institute of Theoretical Physics)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 15

Type: **not specified**

LHCb 实验上的奇特强子态研究【实验】

Sunday, 28 July 2024 13:30 (15 minutes)

Presenter: ZHANG, Liming (Tsinghua University)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 16

Type: **not specified**

Disentangling the structure of hidden and open charm tetraquark **【理论】**

Sunday, 28 July 2024 14:10 (25 minutes)

Presenter: 杨, 智 (电子科技大学)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 17

Type: **not specified**

重味分子态的衰变和产生【理论】

Sunday, 28 July 2024 15:30 (25 minutes)

Presenter: 刘, 明珠 (Lanzhou University)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 18

Type: **not specified**

The $\Omega(2012)$ as a $\bar{K}-\Xi(1530)$ molecular state **【理论】**

Sunday, 28 July 2024 15:55 (25 minutes)

Presenter: 谢, 聚军 (中国科学院近代物理研究所)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 19

Type: **not specified**

Doubly charmed pentaquark states with and without strangeness 【理论】

Sunday, 28 July 2024 16:20 (25 minutes)

Presenter: CHEN, Wei (Sun Yat-Sen University)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 20

Type: **not specified**

b 强子衰变的轻子普适性检验【实验】 LHCb

Monday, 29 July 2024 08:30 (25 minutes)

Presenter: Prof. SUN, Liang (Wuhan University)

Session Classification: 稀有衰变 (孙亮、大壮)

Contribution ID: 21

Type: **not specified**

重味强子稀有衰变【实验】LHCb

Monday, 29 July 2024 08:55 (25 minutes)

Presenter: WANG, Jike (Wuhan University)

Session Classification: 稀有衰变 (孙亮、大壮)

Contribution ID: 22

Type: **not specified**

B 介子纯重子衰变研究【实验】 LHCb by 俞洁晟

Monday, 29 July 2024 09:20 (25 minutes)

Presenter: 俞, 洁晟 (湖南大学)

Session Classification: 稀有衰变 (孙亮、大壮)

Contribution ID: 23

Type: **not specified**

轻子普适性理论研究【理论】 by 袁兴博

Monday, 29 July 2024 10:15 (35 minutes)

Presenter: 袁, 兴博 (Central China Normal University)

Session Classification: 稀有衰变 (孙亮、大壮)

Contribution ID: 24

Type: **not specified**

New physics implications from B physics 【理论】

Monday, 29 July 2024 10:50 (35 minutes)

Presenter: Mr 李, 新强 (华中师范大学)

Session Classification: 稀有衰变 (孙亮、大壮)

Contribution ID: 25

Type: **not specified**

Multi-body baryonic B decays 【理论】 by 萧^F国

Monday, 29 July 2024 11:25 (35 minutes)

Presenter: HSIAO, Yu-Kuo (National Center for Theoretical Sciences)

Session Classification: 稀有衰变 (孙亮、大壮)

Contribution ID: 26

Type: **not specified**

LHCb Upgrade II - Tracking System

Monday, 29 July 2024 13:30 (30 minutes)

Presenter: XIANG, Zhiyu

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 27

Type: **not specified**

舍时 CPV

Monday, 29 July 2024 14:00 (30 minutes)

Presenter: Mr 李, 可陈 (华中师范大学)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 28

Type: **not specified**

直接 CPV

Monday, 29 July 2024 14:30 (30 minutes)

Presenter: Mr 郑, 爽 (北京大学)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 29

Type: **not specified**

LHCb Bc 测量

Monday, 29 July 2024 15:30 (30 minutes)

Presenter: 李, 天歌

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 30

Type: **not specified**

Central exclusive production of bottomonium at LHCb

Monday, 29 July 2024 16:00 (30 minutes)

Presenter: WANG, Xiaolin (SCNU)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 31

Type: **not specified**

轻子普适性检验

Monday, 29 July 2024 16:30 (30 minutes)

Presenter: Mr 方, 勃 (武汉大学)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 32

Type: **not specified**

TF-PWA 工具和分波分析

Tuesday, 30 July 2024 13:30 (30 minutes)

Presenter: Mr 蒋, 艺 (中国科学院大学)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 33

Type: **not specified**

LHCb B,D 谱学, 截面

Tuesday, 30 July 2024 14:00 (30 minutes)

Presenter: Mr 郑, 爽 (北京大学)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 34

Type: **not specified**

B 的辐射衰变

Tuesday, 30 July 2024 14:30 (30 minutes)

Presenter: Mr 张, 冉宇 (华中师范大学)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 35

Type: **not specified**

Z+jpsi associated production by 李天齐 (华南)

Tuesday, 30 July 2024 16:00 (30 minutes)

Presenter: Ms 李, 天齐 (华南师范大学)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 36

Type: **not specified**

LHCb W/Z 相关王骁/邓剑桥 (华师)

Tuesday, 30 July 2024 16:30 (30 minutes)

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 37

Type: **not specified**

X3872 的一点有效场论研究【理论】

Sunday, 28 July 2024 14:35 (25 minutes)

Presenter: 戴, 凌云 (Hunan University)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 38

Type: **not specified**

Associated quarkonium production in pp collisions at LHCb

Wednesday, 31 July 2024 08:30 (30 minutes)

Presenter: AN, Liupan (Peking University)

Session Classification: 粲偶素 (相雷、衡纳)

Contribution ID: 39

Type: **not specified**

Charmonium in heavy ion collisions

Wednesday, 31 July 2024 09:00 (30 minutes)

Presenter: LI, Hengne (South China Normal University)

Session Classification: 粲偶素 (相雷、衡讷)

Contribution ID: 40

Type: **not specified**

Quarkonium and multiple parton scattering

Wednesday, 31 July 2024 09:30 (30 minutes)

Presenter: SHAO, Hua-Sheng (LPTHE Paris)

Session Classification: 粲偶素 (相雷、衡纳)

Contribution ID: 41

Type: **not specified**

Quarkonium Polarization at Hadron Collider

Wednesday, 31 July 2024 10:30 (30 minutes)

Presenter: WANG, Jianxiong (高能所)

Session Classification: 粲偶素 (相雷、衡纳)

Contribution ID: 42

Type: **not specified**

Shedding Light on Hadronization by Quarkonium Energy Correlator

Wednesday, 31 July 2024 11:00 (30 minutes)

Presenter: LIU, Xiaohui (Beijing Normal University)

Session Classification: 粲偶素 (相雷、衡纳)

Contribution ID: 43

Type: **not specified**

Heavy flavor production in heavy ion collisions.

Wednesday, 31 July 2024 11:30 (30 minutes)

Presenters: ZHAO, Jiaying (T); ZHAO, Jiaying (Tsinghua University)

Session Classification: 粲偶素 (相雷、衡纳)

Contribution ID: 44

Type: **not specified**

重子衰变中 CP 破坏 【LHCb 实验】

Tuesday, 30 July 2024 11:00 (25 minutes)

Presenter: 戴, 鑫琛 (P)

Session Classification: CPV (艳席、尹航)

Contribution ID: 45

Type: **not specified**

Kpi 理论进展 【理论】

Tuesday, 30 July 2024 08:55 (35 minutes)

Presenter: Mr 刘, 新

Session Classification: CPV (艳席、尹航)

Contribution ID: 46

Type: **not specified**

TORCH 探测器的 scoping 研究

Tuesday, 30 July 2024 17:00 (30 minutes)

Primary author: Ms ZHU, LinXuan

Presenter: Ms ZHU, LinXuan

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 47

Type: **not specified**

讨论环节

Sunday, 28 July 2024 16:45 (15 minutes)

Session Classification: 奇特态 (刘攀、黎明)

Contribution ID: 49

Type: **not specified**

Flavor physics at BESIII

Sunday, 28 July 2024 10:25 (35 minutes)

Presenter: LI, Pei-Rong (LanZhou University)

Session Classification: Opening + Detector (煦昊、刘凯)

Contribution ID: 50

Type: **not specified**

Flavor physics at BELLE

Sunday, 28 July 2024 11:00 (35 minutes)

Presenter: SHEN, Chengping (Fudan University)

Session Classification: Opening + Detector (煦昊、刘凯)

Contribution ID: 51

Type: **not specified**

LHCb Upgrades

Sunday, 28 July 2024 09:30 (35 minutes)

Presenter: YANG, Zhenwei (Peiking University, Beijing, China)

Session Classification: Opening + Detector (煦昊、刘凯)

Contribution ID: 52

Type: **not specified**

LHCb physics

Sunday, 28 July 2024 08:55 (35 minutes)

Presenter: LI, Peilian (UCAS)

Session Classification: Opening + Detector (煦昊、刘凯)

Contribution ID: 53

Type: **not specified**

开场

Sunday, 28 July 2024 08:30 (15 minutes)

Presenter: YANG, Zhenwei (Peiking University, Beijing, China)

Session Classification: Opening + Detector (煦昊、刘凯)

Contribution ID: 54

Type: **not specified**

Unified description of the scattering states, molecular states and compact tetraquark states

Sunday, 28 July 2024 11:35 (35 minutes)

Presenter: ZHU, Shi-Lin (Peking University)

Session Classification: Opening + Detector (煦昊、刘凯)

Contribution ID: 55

Type: **not specified**

Constraining the hidden-charm pentaquarks prediction and discriminating the spins of $P_c(4440)$ and $P_c(4457)$ through effective range expansion

Tuesday, 30 July 2024 15:00 (30 minutes)

Presenter: Mr 彭, 方正

Session Classification: 学生讨论 (煦昊、金林、晓康)

Contribution ID: 56

Type: **not specified**

Photo

Sunday, 28 July 2024 08:45 (10 minutes)

Session Classification: Opening + Detector (煦昊、刘凯)