

第六届重味物理与量子色动力学研讨会

Report of Contributions

Contribution ID: 1

Type: **not specified**

Photo

Contribution ID: 2

Type: **not specified**

Opening Remark 赵光达

Saturday, 20 April 2024 08:40 (10 minutes)

Session Classification: Opening

Contribution ID: 3

Type: **not specified**

Review of the recent LHCb results 谢跃红 (CCNU)

Sunday, 21 April 2024 11:00 (20 minutes)

Session Classification: Session VI

Contribution ID: 4

Type: **not specified**

Theory review for heavy-quark hadron decays 王伟 (SJTU)

Saturday, 20 April 2024 08:50 (20 minutes)

Session Classification: Session I

Contribution ID: 5

Type: **not specified**

Welcome Address

Saturday, 20 April 2024 08:30 (10 minutes)

Session Classification: Opening

Contribution ID: 7

Type: **not specified**

粲重子的实验研究进展

Sunday, 21 April 2024 10:40 (20 minutes)

Presenter: 吕, 晓睿 (UCAS)

Session Classification: Session VI

Contribution ID: 10

Type: **not specified**

STCF 实验的研究进展彭海平 (USTC)

Saturday, 20 April 2024 09:50 (20 minutes)

Presenter: 彭,海平 (USTC)

Session Classification: Session I

Contribution ID: 11

Type: **not specified**

Introduction to the new probe into the nature of hadronic molecules–femtoscopia 耿立升 (BUAA)

Saturday, 20 April 2024 10:40 (20 minutes)

Presenter: 耿, 立升 (BUAA)

Session Classification: Session II

Contribution ID: 12

Type: **not specified**

Light QCD exotics at BESIII 刘北江 (IHEP)

Saturday, 20 April 2024 11:00 (20 minutes)

Presenter: 刘, 北江 (IHEP)

Session Classification: Session II

Contribution ID: 13

Type: **not specified**

**Lattice QCD Predictions for Pion and Kaon
Electromagnetic Form Factors at High Momenta:
Testing Factorization in Exclusive Processes 丁亨通
(CCNU)**

Saturday, 20 April 2024 11:40 (20 minutes)

Presenter: 丁, 亨通 (CCNU)

Session Classification: Session II

Contribution ID: 14

Type: **not specified**

Lattice QCD for flavor Physics 冯旭 (PKU)

Saturday, 20 April 2024 12:00 (20 minutes)

Presenter: 冯, 旭 (PKU)

Session Classification: Session II

Contribution ID: 15

Type: **not specified**

一圈约化的生成函数冯波 (CSRC)

Saturday, 20 April 2024 14:00 (20 minutes)

Presenter: 冯, 波 (CSRC)

Session Classification: Session III

Contribution ID: 16

Type: **not specified**

Towards NNLO calculation for high energy production of ttH 杨李林 (ZJU)

Saturday, 20 April 2024 14:20 (20 minutes)

Presenter: 杨, 李林 (ZJU)

Session Classification: Session III

Contribution ID: 17

Type: **not specified**

Energy Correlators: Theory, Phenomenology, and Experiments 朱华星 (PKU)

Saturday, 20 April 2024 14:40 (20 minutes)

Presenter: 朱, 华星 (PKU)

Session Classification: Session III

Contribution ID: 18

Type: **not specified**

形状因子及其应用杨刚 (ITP)

Saturday, 20 April 2024 15:00 (20 minutes)

Presenter: 杨, 刚 (ITP)

Session Classification: Session III

Contribution ID: 19

Type: **not specified**

Light quark mediated Higgs boson production in association with a jet at the next-to-next-leading order and beyond 刘涛 (IHEP)

Saturday, 20 April 2024 15:20 (20 minutes)

Presenter: 刘, 涛 (IHEP)

Session Classification: Session III

Contribution ID: 21

Type: **not specified**

北京谱仪上 R 值测量黄光顺 (USTC)

Saturday, 20 April 2024 09:30 (20 minutes)

Presenter: 黄, 光顺 (USTC)

Session Classification: Session I

Contribution ID: 22

Type: **not specified**

CMS 实验 J/ψ J/ψ 结构的证据及与理论家合作的探讨 易凯 (NNU)

Saturday, 20 April 2024 16:10 (20 minutes)

Presenter: 易, 凯 (NNU)

Session Classification: Session IV

Contribution ID: 23

Type: **not specified**

Review of the recent Belle II results 殷俊昊 (NKU)

Saturday, 20 April 2024 16:30 (20 minutes)

Presenter: 殷, 俊昊 (NKU)

Session Classification: Session IV

Contribution ID: 24

Type: **not specified**

LHCb 实验升级进展和计划李一鸣 (IHEP)

Saturday, 20 April 2024 16:50 (20 minutes)

Presenter: 李, 一鸣 (IHEP)

Session Classification: Session IV

Contribution ID: 25

Type: **not specified**

CMS 实验上 B 物理研究进展胡震 (THU)

Saturday, 20 April 2024 17:10 (20 minutes)

Presenter: 胡, 震 (THU)

Session Classification: Session IV

Contribution ID: 26

Type: **not specified**

LHCb 实验上直接 CP 破坏测量张艳席 (PKU)

Saturday, 20 April 2024 17:30 (20 minutes)

Presenter: 张, 艳席 (PKU)

Session Classification: Session IV

Contribution ID: 28

Type: **not specified**

Understanding the Energy Momentum Distribution with the Weizsäcker-Williams Method 肖博文 (CUHK)

Sunday, 21 April 2024 08:30 (20 minutes)

Presenter: 肖, 博文 (CUHK)

Session Classification: Session V

Contribution ID: 29

Type: **not specified**

Semi-inclusive Energy Correlators 刘晓辉 (BNU)

Sunday, 21 April 2024 08:50 (20 minutes)

Presenter: 刘, 晓辉 (BNU)

Session Classification: Session V

Contribution ID: 30

Type: **not specified**

A new framework on global analysis of fragmentation functions 高俊 (SJTU)

Sunday, 21 April 2024 09:10 (20 minutes)

Presenter: 高, 俊 (SJTU)

Session Classification: Session V

Contribution ID: 31

Type: **not specified**

Power correction of SIDIS at large transverse momentum 刘天博 (SDU)

Sunday, 21 April 2024 09:30 (20 minutes)

Presenter: 刘, 天博 (SDU)

Session Classification: Session V

Contribution ID: 32

Type: **not specified**

New observables for the study of polarized fragmentation functions 魏树一 (SDU)

Sunday, 21 April 2024 09:50 (20 minutes)

Presenter: 魏, 树一 (SDU)

Session Classification: Session V

Contribution ID: 33

Type: **not specified**

QCD factorization for hadronic B-meson decays 李新 强 (CCNU)

Saturday, 20 April 2024 09:10 (20 minutes)

Presenter: 李, 新强 (CCNU)

Session Classification: Session I

Contribution ID: 34

Type: **not specified**

Deciphering the Long-Distance Penguin Contribution to the Double Radiative B-Meson Decays 秦溱 (CCUT)

Sunday, 21 April 2024 11:20 (20 minutes)

Presenter: 秦, 溱 (CCUT)

Session Classification: Session VI

Contribution ID: 35

Type: **not specified**

重介子四体半轻衰变的一些探讨程山 (HNU)

Saturday, 20 April 2024 17:50 (20 minutes)

Presenter: 程, 山 (HNU)

Session Classification: Session IV

Contribution ID: 36

Type: **not specified**

Precision Calculations of B-Meson Decay Form Factors 魏焰冰 (BJUT)

Sunday, 21 April 2024 11:40 (20 minutes)

Presenter: 魏, 焰冰 (BJUT)

Session Classification: Session VI

Contribution ID: 37

Type: **not specified**

Exploring the heavy meson light-cone distribution amplitudes from first principles 张其安 (BUAA)

Sunday, 21 April 2024 12:00 (20 minutes)

Presenter: 张, 其安 (BUAA)

Session Classification: Session VI

Contribution ID: 39

Type: **not specified**

Recent results of hadrons at Belle (II) 贾森 (SEU)

Sunday, 21 April 2024 14:00 (20 minutes)

Presenter: 贾, 森 (SEU)

Session Classification: Session VII

Contribution ID: 40

Type: **not specified**

B 介子多体衰变过程混合机制的研究吕刚 (HAUT)

Sunday, 21 April 2024 14:20 (20 minutes)

Presenter: 吕, 刚 (HAUT)

Session Classification: Session VII

Contribution ID: 41

Type: **not specified**

Decay-angular-distribution correlated CP violation in heavy hadron cascade decays 张振华 (USC)

Sunday, 21 April 2024 15:20 (20 minutes)

Presenter: 张, 振华 (USC)

Session Classification: Session VII

Contribution ID: 42

Type: **not specified**

The low-mass enhancement of kaon pair in the three-body B-meson decays 王文飞 (SXU)

Sunday, 21 April 2024 15:00 (20 minutes)

Presenter: 王, 文飞 (SXU)

Session Classification: Session VII

Contribution ID: 43

Type: **not specified**

The heavy meson weak decays within the covariant light-front approach 张志清 (HAUT)

Sunday, 21 April 2024 14:40 (20 minutes)

Presenter: 张, 志清 (HAUT)

Session Classification: Session VII

Contribution ID: 44

Type: **not specified**

On-shell construction of chiral effective theory 肖明磊 (SYSU)

Sunday, 21 April 2024 16:10 (20 minutes)

Presenter: 肖, 明磊

Session Classification: Session VIII

Contribution ID: 45

Type: **not specified**

Quantum computing for lattice gauge theories 李英英 (USTC)

Sunday, 21 April 2024 16:30 (20 minutes)

Presenter: 李, 英英 (USTC)

Session Classification: Session VIII

Contribution ID: 46

Type: **not specified**

**Pion and Kaon electromagnetic form factors up to
Next-to-next-to-leading-order QCD corrections 陈龙
斌 (GZHU)**

Sunday, 21 April 2024 16:50 (20 minutes)

Presenter: 陈, 龙斌 (GZHU)

Session Classification: Session VIII

Contribution ID: 47

Type: **not specified**

Hadronic Distribution Amplitudes with LQCD 华俊 (SCNU)

Sunday, 21 April 2024 17:10 (20 minutes)

Presenter: 华, 俊 (SCNU)

Session Classification: Session VIII

Contribution ID: 48

Type: **not specified**

Renormalization-Group Evolution for the Bottom-Meson Soft Function 黄永康 (NKU)

Sunday, 21 April 2024 17:30 (15 minutes)

Presenter: 黄, 永康 (NKU)

Session Classification: Session VIII

Contribution ID: 49

Type: **not specified**

Hyperon semileptonic decays in QCD sum rules 张圣奇 (UCAS)

Sunday, 21 April 2024 17:45 (15 minutes)

Presenter: 张, 圣奇 (UCAS)

Session Classification: Session VIII

Contribution ID: 50

Type: **not specified**

Decay property of X(3842) 李威 (HBU)

Sunday, 21 April 2024 18:00 (15 minutes)

Presenter: 李, 威 (HBU)

Session Classification: Session VIII

Contribution ID: 52

Type: **not specified**

BESIII 粲偶素类粲偶素郭玉萍 (FDU)

Monday, 22 April 2024 08:30 (20 minutes)

Presenter: 郭, 玉萍 (FDU)

Session Classification: Session IX

Contribution ID: 53

Type: **not specified**

The study of Tcc and X(3872) 吴佳俊 (UCAS)

Monday, 22 April 2024 08:50 (20 minutes)

Presenter: 吴, 佳俊 (UCAS)

Session Classification: Session IX

Contribution ID: 54

Type: **not specified**

Compositeness structure of hadrons 康现伟 (BNU)

Monday, 22 April 2024 09:10 (20 minutes)

Presenter: 康, 现伟 (BNU)

Session Classification: Session IX

Contribution ID: 55

Type: **not specified**

Unified Study of the Charmed-Meson Pair System Using the Complex Scaling Method 程剑波 (UPC)

Monday, 22 April 2024 09:30 (20 minutes)

Presenter: 程, 剑波

Session Classification: Session IX

Contribution ID: 56

Type: **not specified**

A precise determination of D_s^* radiative decay width from lattice QCD 孟雨 (ZZU)

Monday, 22 April 2024 09:50 (20 minutes)

Presenter: 孟雨 (ZZU)

Session Classification: Session IX

Contribution ID: 58

Type: **not specified**

Implications of CP violation for new physics beyond SM 韩成成 (SYSU)

Monday, 22 April 2024 10:40 (20 minutes)

Presenter: 韩, 成成

Session Classification: Session X

Contribution ID: 59

Type: **not specified**

New spin asymmetry as a new probe of BSM 岩斌 (IHEP)

Monday, 22 April 2024 11:00 (20 minutes)

Presenter: 岩, 斌 (IHEP)

Session Classification: Session X

Contribution ID: **60**

Type: **not specified**

Opportunities to search for New Physics in charm sector at Low-Energy Accelerators 严鑫帅 (HNU)

Monday, 22 April 2024 11:20 (20 minutes)

Presenter: 严, 鑫帅 (HNU)

Session Classification: Session X

Contribution ID: 61

Type: **not specified**

Transverse polarization of Λ inside jets in nucleon/nucleus collisions 宋玉坤 (UJN)

Monday, 22 April 2024 11:40 (20 minutes)

Presenter: 宋, 玉坤 (UJN)

Session Classification: Session X

Contribution ID: 62

Type: **not specified**

Fragmentation functions for doubly heavy mesons 郑绪昌 (CQU)

Monday, 22 April 2024 12:00 (20 minutes)

Presenter: 郑, 绪昌 (CQU)

Session Classification: Session X

Contribution ID: 63

Type: **not specified**

Anisotropic Flow from Multiple-Parton Scattering 张宏 (SDU)

Monday, 22 April 2024 14:00 (20 minutes)

Presenter: 张, 宏 (SDU)

Session Classification: Session XI

Contribution ID: 64

Type: **not specified**

Automatic Calculations of Feynman Integrals 陈文 (SCNU)

Monday, 22 April 2024 14:20 (20 minutes)

Presenter: 陈, 文 (SCNU)

Session Classification: Session XI

Contribution ID: 65

Type: **not specified**

Analytic third-order QCD corrections to top-quark and semileptonic $b \rightarrow u$ decays 王焯凡 (NNU)

Monday, 22 April 2024 14:40 (20 minutes)

Presenter: 王, 焯凡 (NNU)

Session Classification: Session XI

Contribution ID: 66

Type: **not specified**

**QCD resummation of dijet and photon + jet
azimuthal decorrelations in p-p and p-A collisions 高
梅森 (FDU)**

Monday, 22 April 2024 15:00 (20 minutes)

Presenter: 高, 梅森 (FDU)

Session Classification: Session XI

Contribution ID: 67

Type: **not specified**

Λ_b 重子衰变及其形状因子

Monday, 22 April 2024 15:20 (15 minutes)

Presenter: 李, 磊毅 (IHEP)

Session Classification: Session XI

Contribution ID: 69

Type: **not specified**

Selected topics in hadronic B decays 郑海扬 (AS)

Monday, 22 April 2024 16:10 (20 minutes)

Presenter: 郑,海扬 (AS)

Session Classification: Session XII

Contribution ID: 70

Type: **not specified**

Topological diagrams and charmed baryon weak decays 徐繁荣 (JNU)

Monday, 22 April 2024 16:30 (20 minutes)

Presenter: 徐, 繁荣 (JNU)

Session Classification: Session XII

Contribution ID: 71

Type: **not specified**

Factorization and resummation of the heavy quark pairs angular decorrelation 邵鼎煜 (FDU)

Monday, 22 April 2024 16:50 (20 minutes)

Presenter: 邵, 鼎煜 (FDU)

Session Classification: Session XII

Contribution ID: 72

Type: **not specified**

Infrared singularities of massive QCD amplitudes 刘泽龙 (IHEP)

Monday, 22 April 2024 17:10 (20 minutes)

Presenter: 刘, 泽龙 (IHEP)

Session Classification: Session XII

Contribution ID: 73

Type: **not specified**

Bc 介子衰变和极化的理论研究朱瑞林 (NNU)

Monday, 22 April 2024 17:50 (20 minutes)

Presenter: 朱, 瑞林 (NNU)

Session Classification: Session XII

Contribution ID: 74

Type: **not specified**

Closing Remark 吕才典 (IHEP)

Monday, 22 April 2024 18:10 (10 minutes)

Presenter: 吕, 才典 (IHEP)

Session Classification: Session XII

Contribution ID: 76

Type: **not specified**

Belle II 对 $B^+ \rightarrow K^+ \nu \bar{\nu}$ 测量中的超出, (Dark) SMEFT, 与新物理的味结构”

Monday, 22 April 2024 17:30 (20 minutes)

Presenter: Dr 袁, 兴博 (华中师范大学)

Session Classification: Session XII

Contribution ID: 77

Type: **not specified**

改维变换：单圈积分计算的新方法

Saturday, 20 April 2024 11:20 (20 minutes)

Presenter: Prof. 马, 滢青

Session Classification: Session II