

第十届手征有效场论研讨会

Report of Contributions

Contribution ID: 2

Type: **not specified**

开幕致辞

Presenter: Prof. 张, 力发

Session Classification: 晚餐

Contribution ID: 3

Type: **not specified**

测试

Session Classification: 晚餐

Contribution ID: 4

Type: **not specified**

开幕致辞

Saturday, 18 October 2025 08:30 (10 minutes)

Presenter: 张, 力发

Session Classification: 开幕式

Contribution ID: 5

Type: **not specified**

开幕致辞

Presenter: 张, 力发 (南师大)

Contribution ID: 6

Type: **not specified**

大会主席致辞

Contribution ID: 7

Type: **not specified**

大会主席致辞

Contribution ID: 8

Type: **not specified**

大会主席致辞

Saturday, 18 October 2025 08:40 (10 minutes)

Presenter: 郑, 汉青 (四川大学)

Session Classification: 开幕式

Contribution ID: 9

Type: **not specified**

All-charm tetraquark candidates at CMS

Saturday, 18 October 2025 09:00 (20 minutes)

Presenter: ZHANG, Jingqing (Nanjing Normal University)

Session Classification: 18 号周六上午第一场

Contribution ID: **10**

Type: **not specified**

LHCb 实验上奇特强子态的最新进展

Saturday, 18 October 2025 09:20 (20 minutes)

Presenter: ZHANG, Liming (Tsinghua University)

Session Classification: 18 号周六上午第一场

Contribution ID: 11

Type: **not specified**

超子的实验研究

Saturday, 18 October 2025 09:40 (20 minutes)

Presenter: ZHOU, Xiaorong (University of Science and Technology of China)

Session Classification: 18 号周六上午第一场

Contribution ID: 12

Type: **not specified**

Hadron Structural Features Behind the Efficacy of ChPT

Saturday, 18 October 2025 10:30 (20 minutes)

Presenter: ROBERTS, Craig (Nanjing University)

Session Classification: 18 号周六上午第二场

Contribution ID: 13

Type: **not specified**

从夸克自旋看重子八重态中的 $SU(3)$ 味道对称性破坏

Saturday, 18 October 2025 10:50 (20 minutes)

Presenter: YANG, Yi-Bo (ITP/CAS)

Session Classification: 18 号周六上午第二场

Contribution ID: 14

Type: **not specified**

Advances in Nuclear Matrix Elements for Beyond Standard Model Physics

Saturday, 18 October 2025 11:10 (20 minutes)

Presenter: YAO, Jiangming (Sun Yat-Sen (Zhongshan) University)

Session Classification: 18 号周六上午第二场

Contribution ID: 15

Type: **not specified**

The DD* scattering in Lattice QCD calculation

Saturday, 18 October 2025 11:30 (20 minutes)

Presenter: WU, Jia-Jun (IHEP)

Session Classification: 18 号周六上午第二场

Contribution ID: 16

Type: **not specified**

Modified Lüscher formula for long-range interaction

Saturday, 18 October 2025 14:00 (20 minutes)

Presenter: PANG, Jin-Yi (H)

Session Classification: 18 号周六下午第一场

Contribution ID: 17

Type: **not specified**

重子 CP 破坏的理论进展

Saturday, 18 October 2025 14:20 (20 minutes)

Presenter: YU, Fu-Sheng (Lanzhou University)

Session Classification: 18 号周六下午第一场

Contribution ID: **18**

Type: **not specified**

Unveiling the structure of Tcs state in the $Ds\pi\pi$ final states

Saturday, 18 October 2025 14:40 (20 minutes)

Presenter: YANG, Zhi (电子科技大学)

Session Classification: 18 号周六下午第一场

Contribution ID: 19

Type: **not specified**

One-Loop Renormalization of GraviChPT

Saturday, 18 October 2025 15:00 (5 minutes)

Presenter: 李, 澄诚 (ITP)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 20

Type: **not specified**

Nuclear lattice effective field theory without a lattice

Saturday, 18 October 2025 16:40 (20 minutes)

Presenter: 吕, 炳楠 (Graduate School of China Academy of Engineering Physics)

Session Classification: 18 号周六下午第三场

Contribution ID: 21

Type: **not specified**

Role of $\eta(980)$ in the decays of $\eta_0 \rightarrow \eta + \eta - \eta$ and $\eta + \eta - \eta$

Saturday, 18 October 2025 17:00 (20 minutes)

Presenter: 肖, 楮文 (广西师范大学)

Session Classification: 18 号周六下午第三场

Contribution ID: 22

Type: **not specified**

Two-Loop Extraction of the Pion-Nucleon Sigma Term

Saturday, 18 October 2025 17:20 (20 minutes)

Presenter: 姚, 德良 (IHEP)

Session Classification: 18 号周六下午第三场

Contribution ID: 23

Type: **not specified**

BESIII 实验上关于 $X(3872)$ 的研究

Sunday, 19 October 2025 08:30 (20 minutes)

Presenter: LI, Chunhua (Nanjing Normal University)

Session Classification: 19 号周日上午第一场

Contribution ID: 24

Type: **not specified**

BESIII 上粲介子半轻衰变的研究

Sunday, 19 October 2025 08:50 (20 minutes)

Presenter: PAN, Xiang (SUDA)

Session Classification: 19 号周日上午第一场

Contribution ID: 25

Type: **not specified**

粲介子半轻衰变中的同位旋标量介子（系统）研究

Sunday, 19 October 2025 09:10 (20 minutes)

Presenter: CHENG, Shan (Hunan University)

Session Classification: 19 号周日上午第一场

Contribution ID: 26

Type: **not specified**

Matching from quark to hadronic operators: external source vs spurion methods

Sunday, 19 October 2025 09:30 (20 minutes)

Presenter: LI, Gang (Sun Yat-Sen University)

Session Classification: 19 号周日上午第一场

Contribution ID: 27

Type: **not specified**

Chiral perturbation theory for baryon number violating nucleon decays

Sunday, 19 October 2025 09:50 (20 minutes)

Presenter: MA, Xiaodong (Nankai University)

Session Classification: 19 号周日上午第一场

Contribution ID: 28

Type: **not specified**

Probing the nature of the anticharmed-strange pentaquark states

Sunday, 19 October 2025 10:40 (20 minutes)

Presenter: 刘, 雪杰 (南京师范大学)

Session Classification: 19 号周日上午第二场

Contribution ID: 29

Type: **not specified**

Meson-baryon interactions within a renormalizable framework of Chiral EFT

Sunday, 19 October 2025 11:00 (20 minutes)

Presenter: REN, Xiulei (Shandong University)

Session Classification: 19 号周日上午第二场

Contribution ID: 30

Type: **not specified**

相对论手征核力对原子核系统的研究

Sunday, 19 October 2025 11:20 (20 minutes)

Presenter: SHEN, Shihang (Beihang University)

Session Classification: 19 号周日上午第二场

Contribution ID: 31

Type: **not specified**

手征动力学与强子谱和强子衰变

Sunday, 19 October 2025 11:40 (20 minutes)

Presenters: ZHONG, Xian-Hui (Hunan Normal University); ZHONG, Xianhui (Hunan normal University, changsha)

Session Classification: 19 号周日上午第二场

Contribution ID: 32

Type: **not specified**

D-wave dimeson resonance interpretations to the Z_c/Z_{cs}/Z_b states

Monday, 20 October 2025 08:30 (20 minutes)

Presenter: 陈, 侃 (西北大学)

Session Classification: 20 号周一上午第一场

Contribution ID: 33

Type: **not specified**

Three-body final state interactions in $B^+ \rightarrow D\bar{D}K^+$ decays

Monday, 20 October 2025 08:50 (15 minutes)

Presenter: HU, Xinyue (South China Normal University)

Session Classification: 20 号周一上午第一场

Contribution ID: 34

Type: **not specified**

Discontinuity calculus and applications to two-body coupled-channel scattering

Monday, 20 October 2025 09:05 (20 minutes)

Presenter: 景, 豪杰 (Shanxi University)

Session Classification: 20 号周一上午第一场

Contribution ID: 35

Type: **not specified**

奇特强子态与费米镜技术

Monday, 20 October 2025 09:25 (20 minutes)

Presenter: 刘, 志伟 (Beihang University)

Session Classification: 20 号周一上午第一场

Contribution ID: 36

Type: **not specified**

Perturbative renormalization of chiral nuclear forces at subleading order

Monday, 20 October 2025 09:45 (20 minutes)

Presenters: PENG, rui (Sichuan University); 彭, 锐 (北京大学)

Session Classification: 20 号周一上午第一场

Contribution ID: 37

Type: **not specified**

Recent development of the accurate relativistic chiral nuclear force

Monday, 20 October 2025 10:35 (20 minutes)

Presenter: 陆, 俊旭 (北京航空航天大学)

Session Classification: 20 号周一上午第二场

Contribution ID: 38

Type: **not specified**

Relativistic mean field approach with Chiral Density Order Counting Rules for Nuclear Matter Properties

Monday, 20 October 2025 10:55 (20 minutes)

Presenter: 马, 飞 (Nanjing University)

Session Classification: 20 号周一上午第二场

Contribution ID: 39

Type: **not specified**

无符号问题的核量子蒙特卡洛方法

Monday, 20 October 2025 11:15 (15 minutes)

Presenter: 牛, 忠旺

Session Classification: 20 号周一上午第二场

Contribution ID: 40

Type: **not specified**

Study of large-momentum distribution in nuclei with the operator product expansion

Monday, 20 October 2025 11:30 (15 minutes)

Presenter: 余, 杰鑫 (school of physics Peking University)

Session Classification: 20 号周一上午第二场

Contribution ID: 41

Type: **not specified**

有限温度下的轻强子性质

Monday, 20 October 2025 14:00 (20 minutes)

Presenter: 李, 衢智 (四川大学)

Session Classification: 20 号周一下午第一场

Contribution ID: 42

Type: **not specified**

Nucleon mass in covariant baryon chiral perturbation theory at leading two-loop order

Monday, 20 October 2025 14:20 (20 minutes)

Presenter: 梁, 泽锐

Session Classification: 20 号周一下午第一场

Contribution ID: 43

Type: **not specified**

Production of two-body DK and three-body DKD $\bar{s}$ bar molecules in B decays

Monday, 20 October 2025 14:40 (20 minutes)

Presenter: 刘, 明珠 (Lanzhou University)

Session Classification: 20 号周一下午第一场

Contribution ID: 44

Type: **not specified**

Application of Effective Field Theory to the Lattice QCD Potential Method

Monday, 20 October 2025 15:00 (20 minutes)

Presenter: 孟, 璐 (Southeast University)

Session Classification: 20 号周一下午第一场

Contribution ID: 45

Type: **not specified**

Uncovering the pole origin and mystery of X(3872) with the coupled-channel dynamics

Monday, 20 October 2025 15:20 (20 minutes)

Presenter: 王, 俊璋 (Peking University)

Session Classification: 20 号周一下午第一场

Contribution ID: 46

Type: **not specified**

Dispersive determination of the σ and κ resonances from lattice QCD

Monday, 20 October 2025 16:05 (20 minutes)

Presenter: 曹, 雄辉 (中国科学院理论物理研究所)

Session Classification: 20 号周一下午第二场

Contribution ID: 47

Type: **not specified**

Hunt for X(17)

Monday, 20 October 2025 16:25 (20 minutes)

Presenter: 蒋, 军 (山东大学)

Session Classification: 20 号周一下午第二场

Contribution ID: 48

Type: **not specified**

Nucleon-vector meson interactions from lattice QCD

Monday, 20 October 2025 16:45 (20 minutes)

Presenter: LYU, Yan (school of physics Peking University)

Session Classification: 20 号周一下午第二场

Contribution ID: 49

Type: **not specified**

基于低能强相互作用对致密核物质的贝叶斯分析

Monday, 20 October 2025 17:05 (15 minutes)

Presenter: 熊, 佳颖

Session Classification: 20 号周一下午第二场

Contribution ID: 50

Type: **not specified**

Searching for the T_{bc} molecular candidate via lineshape analysis

Monday, 20 October 2025 17:20 (20 minutes)

Presenter: 严, 茂俊 (Southwest University)

Session Classification: 20 号周一下午第二场

Contribution ID: 51

Type: **not specified**

海报颁奖

Monday, 20 October 2025 17:40 (10 minutes)

Session Classification: 会议总结

Contribution ID: 52

Type: **not specified**

总结

Monday, 20 October 2025 17:50 (10 minutes)

Presenter: 耿, 立升 (Beihang University)

Session Classification: 会议总结

Contribution ID: 53

Type: **not specified**

Evaluation of Muon $g-2$ from tau to $\pi\pi\nu$ Data

Saturday, 18 October 2025 15:05 (5 minutes)

Presenter: 李, 志鑫

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 54

Type: **not specified**

A study of X(6900) as a cccc tetraquark state decaying into $2J/\psi$

Saturday, 18 October 2025 15:10 (5 minutes)

Presenter: 卢, 多多 (广西大学)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 55

Type: **not specified**

Chiral Effective Field Theory for Coherent Neutrino-Nucleus Scattering

Saturday, 18 October 2025 15:15 (5 minutes)

Presenter: SONG, Chuan-Qiang (HIAS, UCAS)

Session Classification: 18 号周六下午第二场：青年学者成果展示

Contribution ID: 56

Type: **not specified**

Accurate nucleon iso-vector scalar and tensor charge at physical point

Saturday, 18 October 2025 15:20 (5 minutes)

Presenter: 王, 积昊 (Institute of Theoretical Physics)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 57

Type: **not specified**

Prominent Enhancemet of Axion Thermalization fron axion-kaon Interaction

Saturday, 18 October 2025 15:25 (5 minutes)

Presenter: 王, 金葆 (西南大学)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 58

Type: **not specified**

Resonance parameters of vector charmonium-like state G(3900)

Saturday, 18 October 2025 15:30 (5 minutes)

Presenter: 叶, 全兴 (华南师范大学)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 59

Type: **not specified**

Finite Volume Hamiltonian method: Connecting EFT and lattice study

Saturday, 18 October 2025 15:35 (5 minutes)

Presenter: 余, 康 (University of Chinses Academy of Sciences)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: **60**

Type: **not specified**

Covariant three-body scattering equation

Saturday, 18 October 2025 15:40 (5 minutes)

Presenter: ZHAI, Qingyu (北京航空航天大学)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 61

Type: **not specified**

Unraveling $K(1690)$ as a pseudoscalar udds tetraquark state

Saturday, 18 October 2025 15:45 (5 minutes)

Presenter: 张, 锦鹏 (SUN YAT-SEN UNIVERSITY)

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 62

Type: **not specified**

QCD Sum Rule Study of Topped Mesons within Heavy Quark Effective Theory

Saturday, 18 October 2025 15:50 (5 minutes)

Presenter: 张, 书玮

Session Classification: 18 号周六下午第二场: 青年学者成果展示

Contribution ID: 63

Type: **not specified**

青年学者海报展示

Saturday, 18 October 2025 15:55 (45 minutes)

Presenters: SONG, Chuan-Qiang (HIAS, UCAS); ZHAI, Qingyu (北京航空航天大学); 张, 书玮; 叶, 全兴 (华南师范大学); 卢, 多多 (广西大学); 余, 康 (University of Chinses Academy of Sciences); 李, 志鑫; 李, 澄诚 (ITP); 王, 积昊 (Institute of Theoretical Physics); 王, 金葆; 张, 锦鹏 (SUN YAT-SEN UNIVERSITY)

Session Classification: 18 号周六下午第二场: 青年学者成果展示