

# 第六届粒子物理天问论坛

## Report of Contributions

Contribution ID: 1

Type: **not specified**

## 开幕式：领导致辞/合影

*Saturday, 9 November 2024 08:00 (30 minutes)*

Contribution ID: 2

Type: **not specified**

## CEPC 介绍

*Saturday, 9 November 2024 08:30 (20 minutes)*

**Presenter:** RUAN MANQI, UNKNOWN

Contribution ID: 3

Type: **not specified**

## STCF 介绍

*Saturday, 9 November 2024 08:55 (20 minutes)*

**Presenter:** HUANG, Guangshun (University of Science and Technology of China)

Contribution ID: 4

Type: **not specified**

## EicC 介绍

*Saturday, 9 November 2024 09:20 (20 minutes)*

**Presenter:** LIANG, Yutie (Institute of Modern Physics, CAS)

Contribution ID: 5

Type: **not specified**

## **Axionlike particles at future colliders**

*Saturday, 9 November 2024 10:05 (20 minutes)*

**Presenter:** YANG, Shuo (LNNU)

Contribution ID: 6

Type: **not specified**

## **A bright electron-positron annihilation line in the BOAT GRB221009A**

*Saturday, 9 November 2024 10:30 (20 minutes)*

**Presenter:** 张镇, 镇 (IHEP)

Contribution ID: 7

Type: **not specified**

## 高能中微子望远镜“海铃计划”进展与展望

*Saturday, 9 November 2024 10:55 (20 minutes)*

**Presenter:** Dr 黄, 惊涛 (上海交通大学)



Contribution ID: 8

Type: **not specified**

## 锦屏中微子实验研究进展

*Saturday, 9 November 2024 11:20 (15 minutes)*

**Presenter:** LI, Jinjing (Tsinghua University)

Contribution ID: 9

Type: **not specified**

## 讨论

*Saturday, 9 November 2024 11:40 (20 minutes)*

Contribution ID: **10**

Type: **not specified**

## **BESIII 上的粲物理**

*Saturday, 9 November 2024 14:30 (20 minutes)*

**Presenter:** KE, Bai-Cian (Zhengzhou University)

Contribution ID: 11

Type: **not specified**

## Recent Charm Results at Belle II

*Saturday, 9 November 2024 14:55 (20 minutes)*

**Presenter:** LI, Longke (Hunan Normal University)

Contribution ID: 12

Type: **not specified**

## Rare Decays at LHCb

*Saturday, 9 November 2024 15:20 (20 minutes)*

**Presenter:** SUN, Liang (Wuhan University)

Contribution ID: 13

Type: **not specified**

## BESIII 粲介子半轻衰变到矢量和标量介子末态的研究

*Saturday, 9 November 2024 15:45 (15 minutes)*

**Presenter:** 马, 衡 (云南大学)

Contribution ID: 14

Type: **not specified**

## Search for Electromagnetic Dalitz decays $\chi_{cj} \rightarrow e^+ + e^- + \gamma$

*Saturday, 9 November 2024 16:05 (15 minutes)*

**Presenter:** 陈, 琢 (Hunnu Normal University(湖南师范大学))

Contribution ID: 15

Type: **not specified**

## 大亚湾实验中的中微子混合角 $\theta_{13}$ 测量最新结果

*Saturday, 9 November 2024 16:45 (15 minutes)*

**Presenter:** LI, Jinjing (Tsinghua University)



Contribution ID: 16

Type: **not specified**

## **Neutrinoless double beta decay of hyperons in covariant chiral perturbation theory**

*Saturday, 9 November 2024 17:05 (15 minutes)*

**Presenter:** Mr 赵, 子赢 (湖南大学)

Contribution ID: 17

Type: **not specified**

## 寻找缪子素的稀有衰变

*Saturday, 9 November 2024 17:25 (15 minutes)*

**Presenter:** CHEN, Siyuan (Sun Yat-sen University)

Contribution ID: 18

Type: **not specified**

## **The study of dimuonium spectroscopy by solving Schrodinger equation with Gaussian expansion method**

*Saturday, 9 November 2024 17:45 (15 minutes)*

**Presenter:** Mr 贺, 宇星

Contribution ID: 19

Type: **not specified**

## Fragmentation function at low energy $e+e^-$

*Sunday, 10 November 2024 08:30 (20 minutes)*

**Presenter:** YAN, Wenbiao (University of Science and Technology of China)

Contribution ID: 20

Type: **not specified**

## Quasi-two-body B decays in the presence of $K^*$ and $K_0^*$ (1430,1950)

*Sunday, 10 November 2024 08:55 (15 minutes)*

**Presenter:** 张, 志清 (Henan University of Technology)

Contribution ID: 21

Type: **not specified**

## **Productions of DK and relevant three-body molecules in B decays**

*Sunday, 10 November 2024 09:15 (15 minutes)*

**Presenter:** 刘, 明珠 (Lanzhou University)

Contribution ID: 22

Type: **not specified**

## **R-ratio from Lattice QCD**

*Sunday, 10 November 2024 09:35 (15 minutes)*

**Presenter:** 王, 楠 (N)

Contribution ID: 23

Type: **not specified**

## **Spectroscopic and two-body strong decay properties of possible $\Lambda_c K^*$ / $\Sigma_c K^*$ molecules**

*Sunday, 10 November 2024 09:55 (15 minutes)*

**Presenter:** 陈, 锐 (湖南师范大学)



Contribution ID: 24

Type: **not specified**

## Hidden- and double-charm pentaquark states

*Sunday, 10 November 2024 10:35 (20 minutes)*

**Presenter:** 刘, 言锐 (山东大学)

Contribution ID: 25

Type: **not specified**

## Study of $T_{\text{c}}(cs^-)$ (2900)

*Sunday, 10 November 2024 11:00 (15 minutes)*

**Presenter:** 段, 漫玉 (Zhengzhou University)

Contribution ID: 26

Type: **not specified**

## **Light single-gluon hybrid states with various exotic quantum numbers**

*Sunday, 10 November 2024 11:20 (15 minutes)*

**Presenter:** 谭, 为瀚 (Southeast University)

Contribution ID: 27

Type: **not specified**

## **Isospin Violation Effect and Three-Body Decay of $T_{cc}$**

*Sunday, 10 November 2024 11:40 (15 minutes)*

**Presenter:** 孙, 志峰 (兰州大学)

Contribution ID: 28

Type: **not specified**

## The PWA amplitudes in the covariant L-S scheme

*Sunday, 10 November 2024 14:30 (20 minutes)*

**Presenter:** 吴, 佳俊 (University of Chinese Academy of Sciences)

Contribution ID: 29

Type: **not specified**

## Investigation of the $D_s^+ \rightarrow K^+ \pi^+ \pi^-$ and $D_s^+ \rightarrow K_S^0 \bar{K}_S^0 \pi^+$ decay

*Sunday, 10 November 2024 14:55 (15 minutes)*

**Presenter:** 梁, 唯 (中南大学)

Contribution ID: **30**

Type: **not specified**

## **Neutrino-nucleus interactions with BChPT inputs**

*Sunday, 10 November 2024 15:15 (15 minutes)*

**Presenter:** Mr 彭毅

Contribution ID: 31

Type: **not specified**

## **Study of the electromagnetic form factors of the nucleons in the time-like region**

*Sunday, 10 November 2024 15:35 (15 minutes)*

**Presenter:** 杨, 勤鹤 (湖南大学)



Contribution ID: 32

Type: **not specified**

## 缪子电磁偶极矩实验的最新进展

*Sunday, 10 November 2024 16:20 (20 minutes)*

**Presenter:** KHAW, Kim Siang (Shanghai Jiao Tong University)

Contribution ID: 33

Type: **not specified**

## Semileptonic decay of $\Lambda_b$ baryon

*Sunday, 10 November 2024 16:45 (15 minutes)*

**Presenter:** 段, 慧慧 (河南师范大学)

Contribution ID: 34

Type: **not specified**

## **Topological amplitudes of charmed baryon decays in the SU(3) limit**

*Sunday, 10 November 2024 17:05 (15 minutes)*

**Presenter:** WANG, di (湖南师范大学)

Contribution ID: 35

Type: **not specified**

## **Form factors and the light-cone distribution amplitudes of light pseudoscalar mesons**

*Sunday, 10 November 2024 17:25 (15 minutes)*

**Presenter:** CHAI, Jian (Hunan University)

Contribution ID: **36**

Type: **not specified**

## Close

*Sunday, 10 November 2024 17:40 (20 minutes)*

Contribution ID: 37

Type: **not specified**

## 自由讨论

*Monday, 11 November 2024 09:00 (9 hours)*