

NPG Workshop 2024

Report of Contributions

Contribution ID: 3

Type: **not specified**

Opening Speech

Tuesday, 27 August 2024 08:30 (20 minutes)

Presenter: Prof. GENG, Chaoqiang (UCAS)

Session Classification: Session

Contribution ID: 4

Type: **not specified**

BESIII 新物理实验综述

Tuesday, 27 August 2024 10:20 (40 minutes)

Presenter: ZHANG, Yu (University of South China)

Session Classification: Session

Contribution ID: 5

Type: **not specified**

“BESIII 上粲强子、QCD 及新物理研究” 新物理课题 进展

Tuesday, 27 August 2024 09:20 (15 minutes)

Presenter: WANG, Dayong (Peking University)

Session Classification: Session

Contribution ID: 6

Type: **not specified**

“粲强子衰变和标准模型的精确检验” 新物理课题进展

Tuesday, 27 August 2024 09:35 (15 minutes)

Presenter: YOU, Zhengyun (Sun Yat-Sen University)

Session Classification: Session

Contribution ID: 7

Type: **not specified**

BESIII 实验进展

Tuesday, 27 August 2024 08:50 (30 minutes)

Presenter: LYU, Xiao-Rui (University of Chinese Academy of Sciences)

Session Classification: Session

Contribution ID: 8

Type: **not specified**

Muon 反常磁矩的双圈图量级分析

Wednesday, 28 August 2024 08:30 (30 minutes)

Presenter: 赵, 树民 (河北大学)

Session Classification: Session

Contribution ID: 9

Type: **not specified**

宇宙相变引力波和新物理

Wednesday, 28 August 2024 09:00 (30 minutes)

Presenter: GUO, Huaike (UCAS (ICTP-AP))

Session Classification: Session

Contribution ID: 10

Type: **not specified**

LHCb 实验上的新物理研究

Tuesday, 27 August 2024 14:30 (40 minutes)

Presenters: XIE, Yuehong (Central China Normal University); XIE, Yuehong (Central China Normal University)

Session Classification: Session

Contribution ID: 11

Type: **not specified**

Belle/BelleII 实验上的新物理研究

Tuesday, 27 August 2024 15:10 (40 minutes)

Presenter: LUO, Tao (Fudan University)

Session Classification: Session

Contribution ID: 12

Type: **not specified**

基于超导谐振腔超轻暗物质暗光子探测

Tuesday, 27 August 2024 16:10 (40 minutes)

Presenter: 汤, 振兴 (北京大学)

Session Classification: Session

Contribution ID: 13

Type: **not specified**

暗物质直接探测实验进展

Tuesday, 27 August 2024 16:50 (40 minutes)

Presenter: MENG, Yue (Shanghai Jiao Tong University)

Session Classification: Session

Contribution ID: 14

Type: **not specified**

Dark sector study at BESIII: ALPs search and invisible decay

Tuesday, 27 August 2024 17:30 (30 minutes)

Presenter: DING, Xiaoxuan (Peking University)

Session Classification: Session

Contribution ID: 15

Type: **not specified**

Dark photon and muon-philic particle at BESIII

Tuesday, 27 August 2024 11:30 (30 minutes)

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

Session Classification: Session

Contribution ID: **16**

Type: **not specified**

Search for FCNC process at BESIII

Tuesday, 27 August 2024 11:00 (30 minutes)

Presenter: SUN, Liang (Wuhan University)

Session Classification: Session

Contribution ID: 17

Type: **not specified**

Search for Baryon Number Violation at BESIII

Wednesday, 28 August 2024 14:30 (30 minutes)

Presenter: HAO (郝喜庆), Xiqing (HENNU)

Session Classification: Session

Contribution ID: **18**

Type: **not specified**

Search for Charmonium weak decay at BESIII

Thursday, 29 August 2024 09:00 (30 minutes)

Presenter: ZHAN, Yonghua (Sun Yat-Sen (Zhongshan) University)

Session Classification: Session

Contribution ID: 19

Type: **not specified**

Probing active-sterile neutrino transition magnetic moments at colliders

Wednesday, 28 August 2024 09:30 (30 minutes)

Presenter: ZHANG, Yu (合肥工业大学)

Session Classification: Session

Contribution ID: 20

Type: **not specified**

Light New Particles Motivated by Flavour Anomalies

Wednesday, 28 August 2024 10:30 (30 minutes)

Presenter: 袁, 兴博 (Central China Normal University)

Session Classification: Session

Contribution ID: 21

Type: **not specified**

LFV decays $Z \rightarrow l_i l_j$, $h \rightarrow l_i l_j$ and $l_j \rightarrow l_i \gamma$ in the $U(1)_X$ SSM

Wednesday, 28 August 2024 11:00 (30 minutes)

Presenter: 刘, 明月

Session Classification: Session

Contribution ID: 22

Type: **not specified**

Search for Charged Lepton Flavor Vilation at BESIII

Wednesday, 28 August 2024 15:30 (30 minutes)

Presenter: YUAN, Mingkuan (Fudan University)

Session Classification: Session

Contribution ID: 23

Type: **not specified**

在 BESIII 上寻找超子电偶极矩

Thursday, 29 August 2024 09:30 (30 minutes)

Presenter: ZHANG, Jianyu (UCAS)

Session Classification: Session

Contribution ID: 24

Type: **not specified**

Search for Lepton Number Violation at BESIII

Wednesday, 28 August 2024 15:00 (30 minutes)

Presenters: WANG, Tengjiao (Nankai University / IHEP); WANG, Tengjiao (Nankai University)

Session Classification: Session

Contribution ID: 25

Type: **not specified**

Search for Rare decay at BESIII

Thursday, 29 August 2024 08:30 (30 minutes)

Presenter: TAO, Luyan (University of South China)

Session Classification: Session

Contribution ID: 26

Type: **not specified**

Application of Machine Learning at BESIII

Thursday, 29 August 2024 10:30 (30 minutes)

Presenter: LI, Yangu (Peking University)

Session Classification: Session

Contribution ID: 27

Type: **not specified**

Application of visualization for physics analysis improvement at BESIII

Thursday, 29 August 2024 11:00 (30 minutes)

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

Session Classification: Session

Contribution ID: 28

Type: **not specified**

Tips for BESIII analysis, writing and review

Wednesday, 28 August 2024 16:30 (30 minutes)

Presenter: MA, Hailong (IHEP)

Session Classification: Session

Contribution ID: **29**

Type: **not specified**

Discussion

Wednesday, 28 August 2024 17:00 (1 hour)

Session Classification: Session

Contribution ID: 30

Type: **not specified**

总结

Thursday, 29 August 2024 11:30 (30 minutes)

Presenter: YOU, Zhengyun (Sun Yat-Sen University)

Session Classification: Session

Contribution ID: 31

Type: **not specified**

Progresses in charmed baryon decays

Wednesday, 28 August 2024 11:30 (30 minutes)

Presenter: 刘, 佳韦 (Tsung-Dao Lee Institute, Shanghai Jiao Tong University)

Session Classification: Session