

2023 年紫金山暗物质研讨会

Report of Contributions

Contribution ID: 17

Type: **not specified**

PandaX 实验最新结果

Saturday, 30 December 2023 08:30 (25 minutes)

Presenter: ZHOU, Ning (Shanghai Jiao Tong University)

Session Classification: Plenary 3

Contribution ID: 18

Type: **not specified**

CDEX 实验现状与展望

Saturday, 30 December 2023 08:55 (25 minutes)

Presenter: 刘, 书魁

Session Classification: Plenary 3

Contribution ID: 19

Type: **not specified**

Status and latest results from the XENONnT experiment

Saturday, 30 December 2023 09:20 (25 minutes)

Presenter: 高, 飞

Session Classification: Plenary 3

Contribution ID: 20

Type: **not specified**

Connecting dark matter direct and indirect searches

Saturday, 30 December 2023 09:45 (25 minutes)

Presenter: ZHOU, Yu-Feng (ITP-CAS)

Session Classification: Plenary 3

Contribution ID: 21

Type: **not specified**

利用超导谐振腔测量超轻暗物质

Saturday, 30 December 2023 11:05 (25 minutes)

Presenter: SHU, Jing (ITP)

Session Classification: Plenary 4

Contribution ID: 23

Type: **not specified**

Recent Dark Matter combination summary from ATLAS

Sunday, 31 December 2023 09:20 (25 minutes)

Presenter: LI, Shu (TDLI, SJTU)

Session Classification: Plenary 7

Contribution ID: 34

Type: **not specified**

Investigating ultraheavy dark matter and axionlike-particles with LHAASO

Sunday, 31 December 2023 08:55 (25 minutes)

Presenter: HUANG, Xiaoyuan (Purple Mountain Observatory, CAS)

Session Classification: Plenary 7

Contribution ID: 36

Type: **not specified**

WFST 巡天数据对暗物质大尺度分布以及性质约束

Saturday, 30 December 2023 14:00 (25 minutes)

Presenter: LUO, Wentao (U)

Session Classification: Plenary 5

Contribution ID: 37

Type: **not specified**

Interplay between Neutrino and Dark Matter

Saturday, 30 December 2023 11:55 (25 minutes)

Presenter: GE, Shao-Feng (SJTU)

Session Classification: Plenary 4

Contribution ID: 39

Type: **not specified**

Axion dark matter and the cosmic dipole problem

Sunday, 31 December 2023 10:40 (25 minutes)

Presenter: 韩, 成成 (中山大学)

Session Classification: Plenary 8

Contribution ID: 41

Type: **not specified**

Dark Photon Dark Matter Searches at LIGO

Sunday, 31 December 2023 11:05 (25 minutes)

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

Session Classification: Plenary 8

Contribution ID: 43

Type: **not specified**

Dark SHINE –a Dark Photon Search Experiment initiative at SHINE facility

Sunday, 31 December 2023 16:25 (25 minutes)

Presenter: ZHANG, Yulei

Session Classification: Plenary 10

Contribution ID: 44

Type: **not specified**

脉冲星计时阵列与超轻暗物质探测

Sunday, 31 December 2023 14:00 (25 minutes)

Presenter: 夏, 子晴 (中国科学院紫金山天文台)

Session Classification: Plenary 9

Contribution ID: 46

Type: **not specified**

Probing compact dark matter from gravitational lensing of gravitational waves

Saturday, 30 December 2023 14:50 (25 minutes)

Presenter: 何, 建华

Session Classification: Plenary 5

Contribution ID: 49

Type: **not specified**

Singlino DM in the GNMSSM

Saturday, 30 December 2023 10:40 (25 minutes)

Presenter: CAO, Junjie (Henan Normal University)

Session Classification: Plenary 4

Contribution ID: 50

Type: **not specified**

Levitodynamics with multi-stochastic forces and dark matter detection

Saturday, 30 December 2023 14:25 (25 minutes)

Presenter: 王, 雯宇

Session Classification: Plenary 5

Contribution ID: 52

Type: **not specified**

Light thermal Dark Matter Beyond p-Wave Annihilation

Sunday, 31 December 2023 15:15 (25 minutes)

Presenter: 唐, 天鹏 (中国科学院紫金山天文台)

Session Classification: Plenary 9

Contribution ID: 55

Type: **not specified**

Solar Dark Matter Production and Detection

Sunday, 31 December 2023 16:00 (25 minutes)

Presenter: XING, Chuanyang (Peking University)

Session Classification: Plenary 10

Contribution ID: 56

Type: **not specified**

The Opportunities in Multiple Scattering Dark Matter

Saturday, 30 December 2023 16:00 (25 minutes)

Presenter: 宋, 宁强

Session Classification: Plenary 6

Contribution ID: 58

Type: **not specified**

The cosmological gravitational wave background from pulsar timing array observations

Saturday, 30 December 2023 16:25 (25 minutes)

Presenter: 丁, 然 (北京大学高能物理中心)

Session Classification: Plenary 6

Contribution ID: **61**

Type: **not specified**

Dark matter candidates from U(1) hidden sectors

Saturday, 30 December 2023 16:50 (25 minutes)

Presenter: FENG, Wan-Zhe (Tianjin University)

Session Classification: Plenary 6

Contribution ID: 66

Type: **not specified**

New channel to search for dark matter at Belle II

Saturday, 30 December 2023 11:30 (25 minutes)

Presenter: LIU, Zuowei (Nanjing University)

Session Classification: Plenary 4

Contribution ID: 68

Type: **not specified**

引力波与原初黑洞

Sunday, 31 December 2023 11:30 (25 minutes)

Presenter: 王, 赛 (高能所)

Session Classification: Plenary 8

Contribution ID: 69

Type: **not specified**

利用磁悬浮精密力探测系统检验暗能量理论

Saturday, 30 December 2023 17:15 (25 minutes)

Presenter: 印, 沛然

Session Classification: Plenary 6

Contribution ID: 70

Type: **not specified**

Exploring New Physics and Nuclear Structure through Coherent Elastic Neutrino-Nucleus Scattering (CEvNS) Measurements

Sunday, 31 December 2023 09:45 (25 minutes)

Presenter: LI, Yufeng (IHEP, Beijing)

Session Classification: Plenary 7

Contribution ID: 72

Type: **not specified**

Dilution of dark matter relic density caused by the electroweak first-order phase transition

Saturday, 30 December 2023 15:15 (25 minutes)

Presenter: ZHANG, Yang (Zhengzhou University)

Session Classification: Plenary 5

Contribution ID: 73

Type: **not specified**

Freeze-in bino dark matter in high scale supersymmetry

Sunday, 31 December 2023 11:55 (25 minutes)

Presenter: WU, Peiwen (Southeast University)

Session Classification: Plenary 8

Contribution ID: 75

Type: **not specified**

Probing the dipole portal to heavy neutral leptons via meson decays at the high-luminosity LHC

Sunday, 31 December 2023 14:25 (25 minutes)

Presenter: 刘, 威

Session Classification: Plenary 9

Contribution ID: 76

Type: **not specified**

Mirror Twin Higgs Cosmology

Sunday, 31 December 2023 14:50 (25 minutes)

Presenter: 祖, 磊

Session Classification: Plenary 9