

轴子暗物质：理论与观测

Report of Contributions

Contribution ID: 1

Type: **not specified**

注册

Friday, 9 May 2025 14:00 (6 hours)

Contribution ID: 2

Type: **not specified**

注册

Saturday, 10 May 2025 08:00 (30 minutes)

Contribution ID: 3

Type: **not specified**

开幕式

Saturday, 10 May 2025 08:30 (45 minutes)

Contribution ID: 4

Type: **not specified**

Detecting Ultralight Axion-like Dark Matter – A PTA-PPA Methodology

Saturday, 10 May 2025 09:15 (25 minutes)

Presenter: 刘滔

Contribution ID: 5

Type: **not specified**

Search for Axion and other New Physics Signals with PandaX-4T

Saturday, 10 May 2025 09:40 (25 minutes)

Presenter: 周小鹏

Contribution ID: 6

Type: **not specified**

Axion and ALP Dark Matter

Saturday, 10 May 2025 10:05 (25 minutes)

Presenter: 王小平

Contribution ID: 7

Type: **not specified**

Supernova constraints on lepton flavor violating ALPs

Saturday, 10 May 2025 10:55 (25 minutes)

Presenter: 刘佐伟

Contribution ID: 8

Type: **not specified**

轴子、类轴子粒子与标准模型外自旋相关新相互作用

Saturday, 10 May 2025 11:20 (25 minutes)

Presenter: 闫海洋

Contribution ID: 9

Type: **not specified**

Laboratory enhanced searches for decaying axiion dark matter

Saturday, 10 May 2025 11:45 (25 minutes)

Presenter: NICK HOUSTON

Contribution ID: **10**

Type: **not specified**

QUALIPHIDE 实验与宽带行波参量放大器

Saturday, 10 May 2025 14:00 (25 minutes)

Presenter: 舒诗博

Contribution ID: 11

Type: **not specified**

Search for axion with polarization measurement and beam dumps

Saturday, 10 May 2025 14:25 (25 minutes)

Presenter: 宋宁强

Contribution ID: 12

Type: **not specified**

Levitodynamics with multi-stochastic forces and the dark matter detection in optical levitation experiment

Saturday, 10 May 2025 14:50 (25 minutes)

Presenter: 王雯宇

Contribution ID: 13

Type: **not specified**

Detection of the Axion Wind Using Levitated Ferromagnetic Torsional Oscillators

Saturday, 10 May 2025 15:15 (20 minutes)

Presenter: 李春龙

Contribution ID: 14

Type: **not specified**

强引力透镜探测暗物质的波动或自相互作用特性

Saturday, 10 May 2025 15:35 (20 minutes)

Presenter: 雷磊

Contribution ID: 15

Type: **not specified**

利用空间的引力波探测器寻找类轴子暗物质

Saturday, 10 May 2025 16:20 (20 minutes)

Presenter: RUNMIN YAO

Contribution ID: 16

Type: **not specified**

Strong gravity frontier of ultralight boson searches

Saturday, 10 May 2025 16:40 (20 minutes)

Presenter: YIFAN CHEN

Contribution ID: 17

Type: **not specified**

由黑洞视界反射引起的玻色凝聚体的“超辐射增长反常”

Saturday, 10 May 2025 17:00 (20 minutes)

Presenter: 梁桂荣

Contribution ID: 18

Type: **not specified**

Probing Axion-like Particles via Primordial Black Hole Evaporation

Saturday, 10 May 2025 17:20 (20 minutes)

Presenter: 张瑞珈

Contribution ID: 19

Type: **not specified**

Superradiant dark matter production from primordial black holes: Impact of multiple modes and gravitational wave emission

Saturday, 10 May 2025 17:40 (20 minutes)

Presenter: 贾拿云

Contribution ID: 20

Type: **not specified**

A quantum picture of axion photon transition in a cavity

Sunday, 11 May 2025 08:30 (25 minutes)

Presenter: 杨峴立

Contribution ID: 21

Type: **not specified**

Searching for dark matter with superconductor circuits

Sunday, 11 May 2025 08:55 (25 minutes)

Presenter: 荣星

Contribution ID: 22

Type: **not specified**

Emerging axion direct detection in magnetoelectric materials

Sunday, 11 May 2025 09:20 (25 minutes)

Presenter: 孙斯纯

Contribution ID: 23

Type: **not specified**

Laser-assisted search for axion-like particle or dark photon in strong-field QED

Sunday, 11 May 2025 09:45 (25 minutes)

Presenter: 李佟

Contribution ID: 24

Type: **not specified**

超新轴子的引力波信号

Sunday, 11 May 2025 10:35 (25 minutes)

Presenter: 黄发朋

Contribution ID: 25

Type: **not specified**

Primordial gravitational atoms

Sunday, 11 May 2025 11:00 (25 minutes)

Presenter: 康召丰

Contribution ID: 26

Type: **not specified**

Interpreting the extremely diffuse stellar distribution of the Nube galaxy through fuzzy dark matter

Sunday, 11 May 2025 11:25 (25 minutes)

Presenter: 殷鹏飞

Contribution ID: 27

Type: **not specified**

Direct Detection of Light Dark Matter with Semiconductors

Sunday, 11 May 2025 11:50 (25 minutes)

Presenter: 杜佩之

Contribution ID: **28**

Type: **not specified**

TBD

Sunday, 11 May 2025 14:00 (25 minutes)

Presenter: 丁然

Contribution ID: 29

Type: **not specified**

Gravitational Wave Birefringence in Fuzzy Dark Matter and Symmetron Cosmology

Sunday, 11 May 2025 14:25 (25 minutes)

Presenter: 黄达

Contribution ID: **30**

Type: **not specified**

Tidal Aspects of Axion Dark Matter

Sunday, 11 May 2025 14:50 (25 minutes)

Presenter: 高宇

Contribution ID: 31

Type: **not specified**

Simulations of Fuzzy Dark Matter

Sunday, 11 May 2025 15:15 (20 minutes)

Presenter: 杨玉明

Contribution ID: 32

Type: **not specified**

Examining the Timing Signal and Its Synergy with Polarization Signals of Ultralight Axion-Like Dark Matter

Sunday, 11 May 2025 15:35 (20 minutes)

Presenter: 李西蒙

Contribution ID: 33

Type: **not specified**

ALP, from Baryogenesis to direct detection

Sunday, 11 May 2025 16:20 (25 minutes)

Presenter: 晁伟

Contribution ID: 34

Type: **not specified**

Mono-hadron Production through Aixon-Gluon Interaction

Sunday, 11 May 2025 16:45 (25 minutes)

Presenter: 鲍守山

Contribution ID: 35

Type: **not specified**

Small Instantons and the Post-Inflationary QCD Axion in a Special Product GUT

Sunday, 11 May 2025 17:10 (20 minutes)

Presenter: JUNXUAN XU

Contribution ID: 36

Type: **not specified**

Pion Axio-production

Sunday, 11 May 2025 17:30 (20 minutes)

Presenter: 李澄诚

Contribution ID: 37

Type: **not specified**

Closing Remark

Sunday, 11 May 2025 17:50 (10 minutes)

Presenter: 廖益

Contribution ID: 38

Type: **not specified**

自由讨论

Monday, 12 May 2025 08:30 (3h 30m)