

# 轴子物理研讨会

## Report of Contributions

Contribution ID: 0

Type: **not specified**

# Welcome

*Monday, 29 June 2020 09:00 (10 minutes)*

**Presenter:** Prof. CHEN, Hesheng (IHEP, Beijing)

**Session Classification:** Session 1

Contribution ID: 1

Type: **not specified**

## XENON1T 最新进展

*Monday, 29 June 2020 09:10 (40 minutes)*

代表 XENON1T 合作组

**Presenter:** GAO, Fei (Columbia University)

**Session Classification:** Session 1

Contribution ID: 2

Type: **not specified**

## 轴子综述

*Monday, 29 June 2020 09:50 (40 minutes)*

**Presenter:** Prof. LI, Tianjun (Institute of Theoretical Physics, Chinese Academy of Sciences)

**Session Classification:** Session 1

Contribution ID: 3

Type: **not specified**

## **PandaX-II 轴子探测及 PandaX-4T 现状**

*Monday, 29 June 2020 10:40 (30 minutes)*

代表 PANDAX 合作组

**Presenter:** Dr 周, 小朋 (北京航空航天大学)

**Session Classification:** Session 2

Contribution ID: 4

Type: **not specified**

## **QCD axion, atypical Hubble volume and possible experimental probes**

*Monday, 29 June 2020 11:10 (30 minutes)*

**Presenter:** YANG, Qiaoli (Jinan Univ.)

**Session Classification:** Session 2

Contribution ID: 5

Type: **not specified**

## **Boosted Dark Matter Interpretation of the XENON1T Excess**

*Monday, 29 June 2020 11:40 (30 minutes)*

**Presenter:** ZHAO, Yue (University of Utah)

**Session Classification:** Session 2

Contribution ID: 6

Type: **not specified**

# Probing Axions with Event Horizon Telescope Polarimetric Measurements

*Monday, 29 June 2020 13:30 (30 minutes)*

**Presenter:** Dr CHEN, Yifan (ITP-CAS)

**Session Classification:** Session 3



Contribution ID: 7

Type: **not specified**

## Axion-like field in cosmology

*Monday, 29 June 2020 14:00 (30 minutes)*

**Presenter:** Prof. LI, Mingzhe (University of Science and Technology of China)

**Session Classification:** Session 3

Contribution ID: 8

Type: **not specified**

## **Constraints on Axion and Axionlike Particles from Astronomical Observations**

*Monday, 29 June 2020 14:30 (30 minutes)*

**Presenter:** Dr FENG, Lei (Purple Mountain Observatory)

**Session Classification:** Session 3

Contribution ID: 9

Type: **not specified**

## **Radio signals and fast radio bursts from axion dark matter and axion star through SKA**

*Monday, 29 June 2020 15:20 (30 minutes)*

**Presenter:** Dr FAPENG, Huang (Washington University in S. Louis)

**Session Classification:** Session 4

Contribution ID: 10

Type: **not specified**

## **Sgr A\* polarization constraint on axion-photon coupling**

*Monday, 29 June 2020 16:20 (30 minutes)*

**Presenter:** YUAN, Guanwen (Purple Mountain Observatory)

**Session Classification:** Session 4

Contribution ID: 11

Type: **not specified**

## 高能宇宙线伽马射线中的轴子搜寻

*Monday, 29 June 2020 16:50 (30 minutes)*

**Presenter:** 郭俊广 (高能物理研究所)

**Session Classification:** Session 4

Contribution ID: 12

Type: **not specified**

## **Gravitational Waves and Fast Radio Bursts from Axion Clumps**

*Monday, 29 June 2020 15:50 (30 minutes)*

**Presenter:** Dr SUN, Sichun (INFN, Rome and Univ. Rome La Sapienza)

**Session Classification:** Session 4