

2024 Winter Mini-Symposium

Report of Contributions

Contribution ID: 1

Type: **not specified**

Prospects of direct and indirect searches for fermionic dark matter absorption on nuclei

Monday, 16 December 2024 13:00 (20 minutes)

Presenter: Dr TITOV, Oleg

Contribution ID: 2

Type: **not specified**

Solitons in ultralight dark matter

Monday, 16 December 2024 13:25 (20 minutes)

Presenter: Dr ZHANG, Hong-Yi

Contribution ID: 3

Type: **not specified**

Light remnants of high-scale solutions to dark matter

Monday, 16 December 2024 13:50 (20 minutes)

Presenter: Dr CHEEK, Andrew

Contribution ID: 4

Type: **not specified**

A model-independent bound on light dark photon dark matter

Monday, 16 December 2024 14:15 (20 minutes)

Presenter: Dr NAKAGAWA, Shota (Tsung-Dao Lee Institute, Shanghai Jiao Tong University)

Contribution ID: 5

Type: **not specified**

Baryogenesis, Dark Matter, and PTA signal from a Dark Conformal Phase Transition

Monday, 16 December 2024 14:40 (20 minutes)

Presenter: Dr GIRMOHANTA, Sudhakantha (Tsung-Dao Lee Institute and Shanghai Jiao Tong University)

Contribution ID: 6

Type: **not specified**

Wiggly dilaton: a landscape of spontaneously broken scale invariance

Monday, 16 December 2024 17:10 (20 minutes)

Presenter: Dr QIU, Yu-Cheng (Tsung-Dao Lee Institute)

Contribution ID: 7

Type: **not specified**

CP and Bell tests in charm physics

Monday, 16 December 2024 15:55 (20 minutes)

Presenter: Dr LIU, Chia-Wei

Contribution ID: 8

Type: **not specified**

Primordial Black Hole catalyze the First-Order Electroweak Phase Transition and its Parameter Space

Monday, 16 December 2024 16:20 (20 minutes)

Presenter: Dr ZHU, Jiang (TDLi institution)

Contribution ID: 9

Type: **not specified**

Entanglement purification through parity violation addition

Monday, 16 December 2024 16:45 (20 minutes)

Presenter: Dr DU, Yong (TDLI-SJTU)

Contribution ID: **10**

Type: **not specified**

DarkSHINE HCAL design optimization and hardware test

Monday, 16 December 2024 15:30 (20 minutes)

Presenter: Dr YUAN, Rui (SJTU)