

Light Dark World International Forum 2022

Report of Contributions

Contribution ID: 13

Type: **not specified**

Bounds on Ultralight Dark Photon Dark Matter from Precision Atomic Spectroscopy

Monday 12 December 2022 09:30 (35 minutes)

Author: BHOONAH, Amit (University of Pittsburgh)

Presenter: BHOONAH, Amit (University of Pittsburgh)

Session Classification: Day 1

Contribution ID: 14

Type: **not specified**

Dark Matter and Neutrino Experiments at Yemilab

Monday 12 December 2022 10:05 (35 minutes)

Author: KIM, Yeongduk (IBS CUP)

Presenter: KIM, Yeongduk (IBS CUP)

Session Classification: Day 1

Contribution ID: 15

Type: **not specified**

Detecting Axion/Dark-Photon Dark Matter with Magnon

Monday 12 December 2022 10:40 (35 minutes)

Author: NAKAYAMA, Kazunori

Presenter: NAKAYAMA, Kazunori

Session Classification: Day 1

Contribution ID: **16**

Type: **not specified**

Physics of Weak Scale Trigger

Monday 12 December 2022 11:15 (35 minutes)

Author: KIM, Hyung Do (Seoul National University)

Presenter: KIM, Hyung Do (Seoul National University)

Session Classification: Day 1

Contribution ID: **18**

Type: **not specified**

Manifesting hidden dynamics of a sub-component dark matter

Tuesday 13 December 2022 09:30 (35 minutes)

Author: SHIN, Seodong (Jeonbuk National University)

Presenter: SHIN, Seodong (Jeonbuk National University)

Session Classification: Day 2

Contribution ID: **19**

Type: **not specified**

Small Steps in Addressing Cosmological Tensions

Tuesday 13 December 2022 10:05 (35 minutes)

Author: WEINER, Neal (NYU)

Presenter: WEINER, Neal (NYU)

Session Classification: Day 2

Contribution ID: 20

Type: **not specified**

Conformal Freeze-In of Light Dark Matter

Tuesday 13 December 2022 10:40 (35 minutes)

Author: HONG, Sungwoo (KAIST)

Presenter: HONG, Sungwoo (KAIST)

Session Classification: Day 2

Contribution ID: 21

Type: **not specified**

Black Hole Evaporation Beyond the Standard Model

Tuesday 13 December 2022 11:15 (35 minutes)

Author: BAKER, Michael James (University of Melbourne (AU))

Presenter: BAKER, Michael James (University of Melbourne (AU))

Session Classification: Day 2

Contribution ID: 24

Type: **not specified**

Light dark matter in SUSY

Wednesday 14 December 2022 11:15 (35 minutes)

Author: GODBOLE, Rohini Madhusudan (Indian Institute of science (IN))

Presenter: GODBOLE, Rohini Madhusudan (Indian Institute of science (IN))

Session Classification: Day 3

Contribution ID: 25

Type: **not specified**

The Piezoaxionic Effect

Wednesday 14 December 2022 09:30 (35 minutes)

Author: ARVANITAKI, Asimina

Presenter: ARVANITAKI, Asimina

Session Classification: Day 3

Contribution ID: 26

Type: **not specified**

Time-varying resonant mass at collider and beam dump experiments

Wednesday 14 December 2022 10:40 (35 minutes)

Author: WANG, Xiaoping

Presenter: WANG, Xiaoping

Session Classification: Day 3

Contribution ID: 27

Type: **not specified**

Light dark matter search in the Super-Kamiokande

Wednesday 14 December 2022 10:05 (35 minutes)

Author: CHOI, Koun (IBS CUP)

Presenter: CHOI, Koun (IBS CUP)

Session Classification: Day 3

Contribution ID: 29

Type: **not specified**

Axion Searches with Two or More Cavities

Monday 12 December 2022 11:50 (35 minutes)

Author: GAO, Christina

Presenter: GAO, Christina

Session Classification: Day 1

Contribution ID: **30**

Type: **not specified**

RENO: Reactor Experiment for Neutrino Oscillation

Tuesday 13 December 2022 11:50 (35 minutes)

Author: YOO, Jonghee (Seoul National University)

Presenter: YOO, Jonghee (Seoul National University)

Session Classification: Day 2

Contribution ID: **31**

Type: **not specified**

Mediator Decay at Threshold

Wednesday 14 December 2022 11:50 (35 minutes)

Author: MATSUMOTO, Shigeki (Kavli IPMU)

Presenter: MATSUMOTO, Shigeki (Kavli IPMU)

Session Classification: Day 3

Contribution ID: 32

Type: **not specified**

Group Photo (via Zoom)

Contribution ID: 33

Type: **not specified**

Group Photo (via Zoom)

Contribution ID: 34

Type: **not specified**

Group Photo (via Zoom)