

**The 4th DMNet symposium :
Revealing Dark matter in the
Universe with
Multidisciplinary Approaches
in Particle Physics and
Astrophysics**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction of DM

Thursday, 5 September 2024 13:15 (45 minutes)

Session Classification: Overview talk

Contribution ID: 2

Type: **not specified**

Indirect Detection

Thursday, 5 September 2024 15:15 (45 minutes)

Presenter: HIROSHIMA, Nagisa (Yokohama Natl. U.)

Session Classification: Overview Talk

Contribution ID: 3

Type: **not specified**

Recent Results from LHC

Thursday, 5 September 2024 14:00 (45 minutes)

Presenter: KIM, Tae Jung (Hanyang U.)

Session Classification: Overview talk

Contribution ID: 4

Type: **not specified**

Recent results from DESI

Thursday, 5 September 2024 16:00 (45 minutes)

Presenter: SEO, Hee-Jong (Ohio U.)

Session Classification: Overview Talk

Contribution ID: 5

Type: **not specified**

SHiP exeperiment

Friday, 6 September 2024 09:00 (45 minutes)

Presenter: LEE, Kang Young (GNU)

Session Classification: Overview Talk

Contribution ID: 6

Type: **not specified**

Axion Search in CAPP

Friday, 6 September 2024 09:45 (45 minutes)

Presenter: Dr YOUN, SungWoo (IBS-CAPP)

Session Classification: Overview Talk

Contribution ID: 7

Type: **not specified**

DM Direct Detection

Saturday, 7 September 2024 09:00 (45 minutes)

Session Classification: Overview Talk

Contribution ID: 8

Type: **not specified**

CUP overview

Saturday, 7 September 2024 09:45 (45 minutes)

Presenter: LEE, Moo Hyun (IBS CUP)

Session Classification: Overview Talk

Contribution ID: 9

Type: **not specified**

Simulations of global string networks and the axion dark matter mass

Friday, 6 September 2024 11:00 (30 minutes)

Presenter: SAIKAWA, Ken'ichi (Kanazawa U.)

Session Classification: Theory Session

Contribution ID: **10**

Type: **not specified**

eV dark matter and the experimental search

Friday, 6 September 2024 11:30 (30 minutes)

Presenter: YIN, Wen (Tokyo Metropolitan Univ.)

Session Classification: Theory Session

Contribution ID: **11**

Type: **not specified**

TBA

Friday, 6 September 2024 12:00 (30 minutes)

Presenter: PARK, Jong-Chul (Chungnam National University)

Session Classification: Theory Session

Contribution ID: 12

Type: **not specified**

PTA observation

Friday, 6 September 2024 14:00 (30 minutes)

Presenter: GOPAKUMAR, Achamveedu (Tata Institute)

Session Classification: Theory Session

Contribution ID: 13

Type: **not specified**

BSM CP violation and EDM

Friday, 6 September 2024 14:30 (30 minutes)

Presenter: JODLOWSKI, Krzysztof (IBS CTPU)

Session Classification: Theory Session

Contribution ID: 14

Type: **not specified**

WIMP DM models

Friday, 6 September 2024 15:45 (30 minutes)

Presenter: ABE, Tomohiro (Tokyo Science Univ.)

Session Classification: Theory Session

Contribution ID: 15

Type: **not specified**

Dark Matter Heating of Neutron Stars: Advantages and Challenges

Friday, 6 September 2024 16:15 (30 minutes)

Presenter: HAMAGUCHI, Koichi (Univ. of Tokyo)

Session Classification: Theory Session

Contribution ID: 16

Type: **not specified**

COSINE Experiment

Saturday, 7 September 2024 11:00 (30 minutes)

Presenter: LEE, Hyunsu (IBS CUP)

Session Classification: Underground Physics Session

Contribution ID: 17

Type: **not specified**

PICO-LON experiment

Saturday, 7 September 2024 11:30 (30 minutes)

Session Classification: Underground Physics Session

Contribution ID: **18**

Type: **not specified**

XLZD and future LXe R&D

Saturday, 7 September 2024 12:00 (30 minutes)

Presenter: KAZAMA, Shingo (Nagoya University)

Session Classification: Underground Physics Session

Contribution ID: **19**

Type: **not specified**

Cygnus/NewAGE

Saturday, 7 September 2024 14:00 (30 minutes)

Presenter: MIUCHI, K. (Kobe Univ.)

Session Classification: Underground Physics Session

Contribution ID: 20

Type: **not specified**

NEWSdm and mineral detector

Saturday, 7 September 2024 14:30 (30 minutes)

Presenter: NAKA, T. (Toho Univ.)

Session Classification: Underground Physics Session

Contribution ID: 21

Type: **not specified**

Dark sector particle searches at reactor (NEON+NEOS)

Saturday, 7 September 2024 15:00 (30 minutes)

Presenter: KO, Young Ju (IBS CUP)

Session Classification: Underground Physics Session

Contribution ID: 22

Type: **not specified**

SK dark sector searches

Saturday, 7 September 2024 16:00 (30 minutes)

Presenter: CHOI, Koun (IBS CUP)

Session Classification: Underground Physics Session

Contribution ID: 23

Type: **not specified**

IceCube

Saturday, 7 September 2024 16:30 (30 minutes)

Presenter: HA, Chang Hyon (Chung-Ang Univ.)

Session Classification: Underground Physics Session