

**mini workshop on new ideas
in particle physics and
cosmology**

Report of Contributions

Contribution ID: 1

Type: **not specified**

From Amplitudes to Gravity, and to Waves

Tuesday, September 30, 2025 1:00 PM (40 minutes)

Presenter: AOKI, Katsuki (YITP, Kyoto University)

Contribution ID: 2

Type: **not specified**

Swanplandy physics

Tuesday, September 30, 2025 1:55 PM (40 minutes)

Presenter: HAMADA, Yuta (KEK)

Contribution ID: 3

Type: **not specified**

new gravity (tentative)

Tuesday, September 30, 2025 2:50 PM (40 minutes)

Presenter: MUKAIDA, Kyohei (Theory Center, KEK)

Contribution ID: 4

Type: **not specified**

short talks

Contribution ID: 5

Type: **not specified**

Dark matter as a topsy-turvy version of the strong cp problem

Tuesday, September 30, 2025 10:00 AM (40 minutes)

Presenter: MELIA, Tom (Kavli IPMU)

Contribution ID: 6

Type: **not specified**

Bootstrap for Cosmology & Gravity

Tuesday, September 30, 2025 10:55 AM (40 minutes)

Presenter: NOUMI, Toshifumi (The University of Tokyo)

Contribution ID: 7

Type: **not specified**

Emergence of time

Tuesday, September 30, 2025 3:45 PM (40 minutes)

Presenter: MUKOHYAMA, Shinji (YITP, Kyoto U & RESCEU, U of Tokyo)

Contribution ID: 8

Type: **not specified**

Multiple Populations of Same Sterile Neutrino as Dark Matter

Presenter: CHEN, Muping (KEK QUP)

Session Classification: short talks

Contribution ID: 9

Type: **not specified**

Extrapolation from IR to UV physics

Tuesday, September 30, 2025 5:00 PM (20 minutes)

Presenter: TAKAURA, Hiromasa (YITP, Kyoto U.)

Session Classification: short talks

Contribution ID: **10**

Type: **not specified**

discussion

Tuesday, September 30, 2025 5:40 PM (20 minutes)

Contribution ID: 11

Type: **not specified**

Implication of Nonlinear Supersymmetric General Relativity

Tuesday, September 30, 2025 4:40 PM (20 minutes)

Presenter: SHIMA, Kazunari (Saitama Institute of Technology)

Session Classification: short talks