

Session Program

15-18 Jun 2026

**The 16th Particle Physics Phenomenology
Workshop**

Parallel Session R019

NTHU

Wednesday 17 June

14:25

Parallel Session R019

Session | Location: NTHU | Convener: Mohamed Krab

14:25–14:50

Cosmological Correlators with Double Massive Exchanges: Bootstrap Equation and Phenomenology

Speaker

Fumiya Sano

14:50–15:05

SUSY and non-SUSY analysis of truly confining gauge theories

Speaker

Shota Saito

15:05–15:20

Number Theory and Minicharged Particles

Speaker

Junseok Lee

15:20–15:35

Half-sky Dark Matter Line Search using eROSITA DR1

Speaker

Chingam Fong

15:35

16:00

Parallel Session R019

Session | Location: NTHU | Convener: Jan Tristram Acuña

16:00–16:15

Probe for Heavy Dark Matter with Gravitational Wave Detectors

Speaker

Bo-Yu Lin

16:15–16:30

Constraining memory-burdened primordial black holes with graviton-photon conversion and binary mergers

Speaker

Yu Min Yeh

16:30–16:45

Constraints on extended axion structures from the lensing of fast radio bursts

Speaker

Kuan-Yen Chou

16:45–17:10

Circumstellar Medium of Supernovae as New Probes for Feebly-interacting Particles

Speaker

Yen-Hsun Lin

17:10–17:35

Bounds on exotic couplings from a new neutrino background

Speaker

Ujjal Kumar Dey

17:35-18:00

Machine Learning Detection of Non-Axisymmetric Fast Flavor Instabilities in Compact Objects

Speaker

Madhurima Chakraborty

18:05