

**Session Program**

**15-18 Jun 2026**

**The 16th Particle Physics Phenomenology  
Workshop**

**Parallel Session R124**

NTHU

# Wednesday 17 June

14:25

## Parallel Session R124

Session | Location: NTHU | Convener: Jakob EHRING

14:25–14:50

### Studies of Reactor $\nu A_{e\ell}$ and Neutrino Electromagnetic Interactions at KSNL with TEXONO

**Speaker**

Manoj Kumar Singh

14:50–15:05

### New Limits on couplings of reactor ALPs at the Kuo-Sheng Reactor Neutrino Laboratory

**Speaker**

GREESHMA CHANDRABHANU

15:05–15:20

### Systematic Computation of Macroscopic Neutrinoless Double Beta Decay

**Speaker**

Kung-Yu Chang

15:20–15:35

### Neutrino superradiance constraint on asteroid-mass PBH Dark Matter and beyond

**Speaker**

Yixuan Lin

15:35

16:00

## Parallel Session R124

Session | Location: NTHU | Convener: Torben Christian Frost

16:00–16:25

### Walking-Dilaton Hybrid Inflation with gauged B-L in a Model with Dynamical Scalegenesis

**Speaker**

Hiroyuki Ishida

16:25–16:50

### Preheating and Higher-Dimensional Operators in Higgs-Starobinsky Inflation After ACT/SPT Data

**Speaker**

Prof. Tanmoy Modak

16:50–17:15

### Correlated nucleon and di-nucleon decays induced by dark matter

**Speaker**

Mathew Thomas

17:15–17:40

### Shedding light on Dark Matter Using Extended Higgs Sectors

**Speaker**

Juhi Dutta

17:40–17:55

**Boosted Dark Matter Directionality in Large Liquid Scintillator Detector**

**Speaker**

Mr Samuel S. H. Tse

17:55–18:05

**Dark-Portal Leptogenesis in a Non-Holomorphic Modular Scoto-Seesaw Model**

**Speaker**

Labh Singh

18:05