



# 3rd Topics of Particle, Astro and Cosmo Frontiers (TOPAC 2025)

Saturday, 7 June 2025

Parallel Session 2a: New Physics - 3楼1号会议室 Meeting Room 1, 3rd Floor (16:00 - 17:35)

-Conveners: Lei Wu

| time  | [id] title   | presenter       |
|-------|--|-----------------|
| 16:00 | [13] Systematic Spurion Method for Matching Low-Energy EFT to the Mesonic Chiral Lagrangian: Applications in Neutrino Physics? | LI, Gang        |
| 16:20 | [14] Can sub-GeV dark matter coherently scatter on the electrons in the atom?  | WANG, Wenyu     |
| 16:40 | [61] Charged Higgs searches in 2HDM  | SU, Wei         |
| 17:00 | [37] Supernova Neutrino and Dark Matter  | ZHU, Bin        |
| 17:20 | [17] Asymptotic grand unification in SO(10) with one extra dimension   | FANG, Gao-Xiang |