

Session Program

9-13 Sept 2026

New directions EXploring the Unknown beyond the Standard Model (NEXUS 2026)

Parallel talks (2B)

Tsung-Dao Lee Institute, Tsung-Dao Lee Institute/S5F-S500 - Lecture Room
Tsung-Dao Lee Institute, 1 Lisuo Road, Pudong New Area, Shanghai, 201210

Saturday 12 September

16:20

Parallel talks (2B): Session chair: Andrew Cheek

Session | **Location:** Tsung-Dao Lee Institute, Tsung-Dao Lee Institute/S5F-S510 - Meetingroom

- 16:20–16:40

WIMP Meets ALP: Coherent Freeze-Out of Dark Matter

Speaker
 Dr Bingrong Yu
- 16:40–17:00

Late-time Quantum Vacuum Decay and its Cosmological Implications

Speaker
 Sida Lu
- 17:00–17:20

Defect-Mediated Conversion: Dark Matter from Cosmological Domain-Wall Scattering

Speaker
 Mohamed Younes Sassi
- 17:20–17:40

Direct detection and cosmological constraints of dark matter with dark dipoles

Speaker
 Takumi Kuwahara

17:40