

Session Program

9-13 Sept 2026

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

Parallel talks (2C)

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 (2C): Session chair: Peter Athron

Session | **Location:** Tsung-Dao Lee Institute, Tsung-Dao Lee Institute/S5F-S511 - Meetingroom

16:20-16:40

The lattice simulation method of SIGW

Speaker

Xiang-Xi Zeng

16:40-17:00

Primordial Black Holes as Gravitational-Wave Probes of Reheating: From PTAs to LISA and ET

Speaker

Md Riajul Haque

17:00-17:20

Background-Induced Forces from Quadratically Coupled Ultralight Dark Matter

Speaker

Hailin Xu

17:20-17:40

Constraining axion quadratic couplings with the Hulse-Taylor binary system

Speaker

孜文 尹

17:40