

Session Program

9-13 Sept 2026

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

Parallel talks (1C)

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

Thursday 10 September

16:20

Parallel talks (1C): Session chair: Sida Lu

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

16:20-16:40

Environmental Paths of Dwarf Galaxies in Self-Interacting Dark Matter with Mass Segregation

Speaker

Daneng Yang

16:40-17:00

Enhanced Cosmic-Ray Cooling in AGN from Dark Matter Deep Inelastic Scattering

Speaker

Dr Chih-Ting Lu

17:00-17:20

Galactic Center gamma-ray excess from a generic triaxial halo

Speaker

Leo Qiyuan Hu

17:20-17:40

Mechanisms of Kinetic Equilibrium between SIMP and radiation

Speaker

Yassine El Mohtadi

17:40-18:00

Baryogenesis from the Decay of Primordial $U(1)_{L-\mu-L-\tau}$ Magnetic Helicity

Speaker

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18:00