

Session Program

9-13 Sept 2026

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

Plenary talks (3)

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

09:00

Plenary talks (3): Session chair: Keping Xie

Session |

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

09:00-09:30

Dark Acoustic Oscillations as a Future detector for DM-Proton Scattering, Twin Baryons, and Neutrino Portals

Speaker

Yue-Lin Sming Tsai

09:30-10:00

TBA

Speaker

Michael Ramsey-Musolf

10:00

10:20

Plenary talks (3): Session chair: Wolfgang Altmannshofer

Session |

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10:20-10:50

TBA

Speaker

Ryuichiro Kitano

10:50-11:20

Parton spin correlations and CP properties in Higgs boson decay at future lepton colliders

Speaker

Yingying Li

11:20-11:50

Symmetry dictates Operators: from Electroweak to Atomic EFTS

Speaker

Jiang-Hao Yu

11:50

13:10

Plenary talks (3): Session chair: Koichi Hamaguchi

Session |

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13:10-13:40

Dark energy-dark matter interaction

Speaker

LianTao Wang

13:40-14:10

TBA

Speaker

Zhewei Yin

14:10-14:40

Collider Spin Tomography with Missing Neutrinos

Speaker

Jia Liu

14:40

15:00

Plenary talks (3): Session chair: Chen Sun

Session |

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15:00-15:30

Testing the SM and probing new physics via QCD spin effects

Speaker

Prof. Bin Yan

15:30-16:00

Direct Search for Millicharged Particles Using Correlated Quantum Sensors

Speaker

Peizhi Du

16:00