



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

Thursday, 10 September 2026

Parallel talks (1B): Session chair: Gang Li - Tsung-Dao Lee Institute/S5F-S510 - Meetingroom (16:20 - 18:00)

| time  | [id] | title                                                                                                        | presenter                          |
|-------|------|--------------------------------------------------------------------------------------------------------------|------------------------------------|
| 16:20 | [22] | Solar neutrinos in Direct Detection as probes of new physics                                                 | CHEEK, Andrew                      |
| 16:40 | [24] | Earth rotation turns event timing into a geometric probe of UHE neutrino origin                              | PINHEIRO, Joao Paulo               |
| 17:00 | [41] | Neutrino Magnetic Moments from Inverse Seesaw with Novel Horizontal Symmetry                                 | KALADHARAN, Ajay                   |
| 17:20 | [32] | Quantum Fisher Information and Quantum-State Distinguishability in Neutrino Oscillation Parameter Estimation | Dr YADAV, Bhavna                   |
| 17:40 | [61] | Electroweak baryogenesis from charged current anomalies in $SBS$ meson decays                                | Dr SIERRA FONSECA, CRISTIAN FELIPE |