

The 2025 Shanghai Symposium on Particle Physics and Cosmology:Precision Higgs Factory Physics: Theory Meets Experiment

Saturday, 11 October 2025

Session 1: Contributed Talks – Tsung-Dao Lee Institute/N4F-N400 – meeting room (16:30 – 18:30)

–Conveners: CRISTIAN FELIPE SIERRA FONSECA; Zhe Li; Linjing Duan; Baihong Zhou; Yifan Zhu; Andrew Cheek
time [id] title presenter

16:30	[47] After g-2, what next for $U(1)_{L\mu L\tau}$	CHEEK, Andrew
16:50	[48] Probing Neutral Triple Gauge Couplings via $Z(\ell\ell/\tau\tau)$ production at Future Lepton Collider	DUAN, Linjing
17:10	[49] NNLO mixed QCD-EW corrections to W-pair production at electron-positron colliders	LI, Zhe
17:30	[52] Electroweak baryogenesis from charged current anomalies in B meson decays	SIERRA FONSECA, CRISTIAN FELIPE
17:50	[50] Entanglement and Bell Nonlocality in $\tau^+\tau^-$ at the LHC using Machine Learning for Neutrino Reconstruction	ZHOU, Baihong
18:10	[51] Precise Measurement of Higgs Hadronic Decay at CEPC	ZHU, Yifan