



# Synergies Towards the Future Standard Model

## Thursday 25 September 2025

### Parallel Sessions Thursday Pheno 2 - Bldg. 1b, seminar room 4a (14:00 - 17:30)

time	[id] title	presenter
14:00	[8] TeV-scale scalar leptoquarks: towards a combined solution to the flavor anomalies and GUT shortcomings	GAO, Xiyuan
14:15	[107] Flavored Circular Collider: cornering New Physics at FCC-ee via flavor-changing processes	PESUT, Marko
14:30	[119] The Higgs self coupling in the presence of $e^+e^-\bar{t}t$ -interactions	TABATT, Lucine
14:45	[56] Probing Flavorful EFTs via VH and WV production at the LHC	MARTINES DE AZEVEDO DA SILVA, Matheus
15:00	[4] Threshold effects on the massless neutrino in the canonical seesaw mechanism	ZHANG, Di
15:15	[66] Disentangling left and right-handed neutrino effects in $B \rightarrow K^{(*)} \nu \bar{\nu}$	LEAL, Luighi
15:30	[67] Heavy Meson Lifetimes using Gradient Flow	KOHNEN, Jonas
15:45	[50] Three-loop QCD corrections to heavy-to-light form factors and applications to inclusive $B \rightarrow \pi \pi$ decays	MÜLLER, Jakob
16:00	Coffee break	
16:30	[69] Multi-parton contributions to $\bar{B} \rightarrow X_s \gamma$ at NLO	BRUNE, Kevin Marc
16:45	[47] A weak effective theory approach to probing ALPs in B-decays	BANERJEE, Upalaparna
17:00	[46] Axion production and detection using NMR-type experiments	YANG, Fengwei