

# Higgs Sector in B-L Supersymmetric Standard Model

*Monday 21 October 2024 11:15 (20 minutes)*

We explore the TeV-scale  $B - L$  extension of the Minimal Supersymmetric Standard Model (BLSSM), which incorporates a seesaw mechanism for generating light neutrino masses. This presentation focuses on the phenomenological implications of the Higgs sector within this model, highlighting unique features and potential experimental signatures that could be investigated in current and future collider experiments.

**Primary author:** Prof. KHALIL, Shaaban (Zewail City of Science and Technology)

**Presenter:** Prof. KHALIL, Shaaban (Zewail City of Science and Technology)

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