Contribution ID: **71** Type: **not specified**

Isosinglet vectorlike leptons at e^+e^- colliders

Monday 8 May 2023 14:45 (15 minutes)

Vectorlike leptons are an intriguing possibility for physics beyond the Standard Model. This talk is concerned with the example of weak isosinglet vectorlike leptons that decay through a small mixing with the tau lepton, for which the discovery and exclusion reach of the Large Hadron Collider and future proposed hadron colliders is limited. For this minimal model, I will argue that an e^+e^- collider may act as a discovery machine, and discuss the prospects for observing a mass peak if they are indeed discovered.

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Session Classification: BSM II

Track Classification: BSM