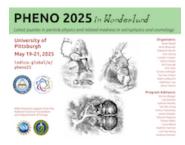
Phenomenology 2025 Symposium



Contribution ID: 41

Type: not specified

Electron EDM and $\Gamma(\mu \to e \gamma)$ in the 2HDM

Monday 19 May 2025 15:45 (15 minutes)

We present the first complete two-loop calculation of the electric dipole moment of the electron, as well as the rates of the lepton-flavor violating decays $\mu \rightarrow e + \gamma$ and $\tau \rightarrow e/\mu + \gamma$, in the unconstrained two-Higgs doublet model. We include the most general Yukawa interactions of the Higgs doublets with the Standard Model fermions up to quadratic order, and allow for generic phases in the Higgs potential.

Mini Symposia (Invited Talks Only)

Plenary (Invited talks only)

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Session Classification: Flavor

Track Classification: Quark and Lepton Flavor Physics