

SUSY 2024

Theory meets Experiment

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Global LFV analysis in EFTs

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We present a new global analysis of the charged lepton flavor violating sector of low-energy and SM effective field theories, performing a global fit beyond the most common consideration of one operator at a time. We investigate how much present data is able to constrain the full parameter space, inspecting the potential flat directions that hinder this task, and discuss how the bounds dramatically change when considering a global picture.

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