

# Search for New Physics using tau leptons at Belle and Belle II

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We report the searches for New Physics using  $\tau$  decays based on the data collected with the Belle detector at the KEKB asymmetric-energy  $e^+e^-$  collider as well as with its upgrade (Belle II) detector at the SuperKEKB. These searches include tau decays involving heavy neutral leptons or invisible bosons. We also search for a dark leptophilic scalar produced in association with tau pairs at Belle. Further we cover recent searches for lepton-flavor-violating decays of the tau lepton and a measurement of its electric dipole moment.

## Category

talk

**Primary author:** BISWAS, Diptaparna (U)

**Presenter:** BISWAS, Diptaparna (U)

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