

Recent Belle II results related to lepton universality and flavour violation

Tuesday, November 8, 2022 2:45 PM (15 minutes)

This talk presents recent Belle II results on lepton flavor universality and flavour violation tests using B meson and tau decay.

The low-background collision environment along with the possibility of partially or fully reconstructing one of the two B mesons in the event offer high precision measurements of B decays or rare decays with missing energy. Results from semileptonic and electroweak penguin decay will be discussed. Similar advantages exist for rare tau decay searches. A search for the lepton number violating decays $\tau \rightarrow l \alpha$ is also presented.

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