

DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects



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Study of Lepton Flavor Violation and Lepton Flavor Universality at Belle

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Search for the lepton flavor violation and test of the lepton flavor universality are of great interest as a signature of the New Physics. Such decays can be searched using large amount of B and Upsilon mesons produced at Belle. We present our search for $B, B_s \rightarrow \ell\tau$, $B \rightarrow K\tau\ell$, $\Upsilon(nS) \rightarrow \ell\tau$. We also present our study on decays relevant to Lepton Flavor Universality. All these results are based on data collected by the Belle experiment at the KEKB asymmetric-energy e^+e^- collider.

Submitted on behalf of a Collaboration?

Yes

Participate in poster competition?

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