

XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 423

Type: **Contributed Talk**

Search for lepton flavor violation in B and tau decays at Belle

Wednesday, 14 April 2021 08:36 (15 minutes)

Lepton flavor violation (LFV) constitutes a clear signature of New Physics, and has been searched for in many experiments. We present recent results on LFV searches from the Belle experiment. The results include a search for $B \rightarrow K^{(*)} l l'$, $B \rightarrow \tau l$, $\tau \rightarrow p l l'$, $\tau \rightarrow l \gamma$ decays. We also cover the study on the lepton flavor universality. The results are based on the full data sample collected by Belle at KEKB asymmetric energy e^+e^- collider.

Primary authors: NISHIDA, Shohei (KEK); RÖHRKEN, Markus (DESY)

Presenter: RÖHRKEN, Markus (DESY)

Session Classification: Electroweak Physics and Beyond the Standard Model

Track Classification: Electroweak Physics and Beyond the Standard Model