



Contribution ID: 442

Type: Parallel talk

Measurement of Lepton Flavor Universality in B decays at Belle

Friday 12 July 2019 14:50 (20 minutes)

Recent anomalies of lepton flavor universality violation (LFUV) in B decays could be a hint of new physics. We report new measurements of LFUV observable $R(K)$ and $R(K^*)$, the branching fraction of $B \rightarrow K^{(*)} \mu^+ \mu^-$ to $B \rightarrow K^{(*)} e^+ e^-$, at Belle. The analyses are based on the full data set recorded by the Belle detector at the $\Upsilon(4S)$ resonance containing 772 million $B\bar{B}$ pairs from $e^+ e^-$ collisions produced by the KEKB collider.

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