Contribution ID: **928** Type: **Parallel Talk**

Recent Belle II results on semileptonic decays and tests of lepton-flavor universality

Friday, 8 July 2022 17:34 (17 minutes)

The rate of semitauonic B decays has been consistently above theory expectations since these decays were first measured. Recently significant differences between the forward-backward asymmetry in $B \to D^* e\nu$ and $B \to D^* \mu\nu$ were also reported. Belle II data is well suited to probe such anomalies. 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 semileptonic B decays. This talk presents recent Belle II results on lepton flavor universality tests based on inclusive decays.

In-person participation

No

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Session Classification: Quark and Lepton Flavour Physics

Track Classification: Quark and Lepton Flavour Physics