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

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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  $B \rightarrow D^* e \nu$  and  $B \rightarrow D^* \mu \nu$  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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