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Prospects of semitauonic measurements at Belle II

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The study of lepton flavor universality violation (LFUV) in semitauonic b-hadron decays has become increasingly important in light of longstanding anomalies in their measured branching fractions, and the very large datasets anticipated from the LHC and Belle II. Belle II is a next-generation SuperB-Factory and successfully started its physics run in 2019. It is expected that Belle II will collect a first sizeable data set in 2021. In this talk, I review the expected sensitivity of semitauonic and other relevant auxiliary measurements to probe LFUV at Belle II. Furthermore, I will discuss how property measurements using full differential information will be obtained in the future in an unbiased way, and how such information can be combined with similar measurements from LHCb and across multiple channels.