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[402] Tests of lepton universality in semileptonic beauty quark decays

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The idea that the different generations of charged leptons interact in the same way, a concept known as lepton universality, is deeply enshrined in the Standard Model of particle physics. Decays of beauty hadrons are particularly interesting tools to test for violations of lepton universality. I will review the latest lepton universality tests with semileptonic beauty quark decays, which hint at possible contributions from new particles that are not predicted in the Standard Model.

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