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Hints of lepton flavor non-universality in b decays

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Experimental hints of lepton flavor non-universality in the decays of b-hadrons are an exciting sign of possible new physics beyond the Standard Model. Results from multiple experiments indicate that electrons, muons, and tau leptons may not be different only because of their masses. I will review the experimental situation of these "b-anomalies", including recent developments and prospects for the near future. Further results from LHCb, Belle II, and other experiments in the coming years should be able to confirm or rule out the presence of new physics in these decays.

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