

Lepton Flavour Universality tests at LHCb

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The coupling of the electroweak gauge bosons of the Standard Model (SM) to leptons is lepton flavour universal. Extensions of the SM do not necessarily have this property. Rare decays of heavy flavour are heavily suppressed in the SM and new particles can give sizeable contributions to these processes, their precise study thus allows for sensitive tests of lepton flavour universality. Of particular interest are rare $b \rightarrow sll$ decays that are well accessible at the LHCb experiment. Recent results from LHCb on lepton flavour universality in rare $b \rightarrow sll$ decays are discussed.

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