

Rare decays at LHCb, including tests of lepton flavour universality and lepton flavour violation

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Flavour-Changing Neutral-Current processes, such as decays mediated by $b \rightarrow sll$ transitions, are forbidden at the lowest perturbative order in the Standard Model (SM) and hence might receive comparatively large corrections from new particles in SM extensions. This talk highlights recent measurements from LHCb on $b \rightarrow sll$ transitions, including tests of lepton flavour universality and lepton flavour violation, as well as measurements of purely leptonic transitions.

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