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Status of New Physics searches with $b \rightarrow sll$ transitions @ LHCb

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Rare electroweak penguin processes provide a rich platform to search for new physics. Some deviations have recently been found between the rate and angular distribution of these processes measured by the LHCb experiment and theoretical predictions. In addition, LHCb has seen hints of lepton universality breaking in these rare processes. This talk will review these measurements and put them in the context of search for new physics.

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Classification de Session: Heavy Flavours

Classification de thématique: Experiment