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## Rare decays in b hadrons

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During Run 1 of the LHC, the LHCb experiment has collected a large sample of beauty-hadrons that corresponds to an integrated luminosity of  $3.0 \text{ fb}^{-1}$  at  $pp$  centre-of-mass energy of 7 and 8 TeV. This talk gives an overview of the rare decay measurements the LHCb collaboration performed using Run 1 data, with an emphasis on Flavour Changing Neutral Current processes of the type  $b \rightarrow s\ell^+\ell^-$ . Anomalies in the branching fractions and angular distributions of these decays are discussed and connected with tests of Lepton-Flavour-Universality.

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**Classification de Session:** Heavy Flavours

**Classification de thématique:** Experiment