Contribution ID: 245 Type: Talk

Rare Decays at LHCb

Thursday 28 August 2014 15:15 (25 minutes)

Electroweak penguin b-hadron and c-hadron decays are very sensitive to physics beyond the Standard Model. Recent LHCb measurements have shown indications of large unexpected asymmetries in $B \rightarrow K^* \mu \mu$, hints of lepton universality violation, and the first observation of the photon polarisation in $b \rightarrow s \gamma$ decays. We report the most recent LHCb results in this sector.

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Session Classification: Flavour physics - CKM and beyond

Track Classification: 8) Flavour physics - CKM and beyond