Contribution ID: **464** Type: **Talk**

Electroweak Penguin Decays at LHCb

Thursday, July 30, 2020 8:00 AM (15 minutes)

Rare b->sll decays are Flavour-Changing Neutral-Current processes that are forbidden at the lowest perturbative order in the Standard Model (SM). As a consequence, new particles in SM extensions may affect the branching fractions of these decays and their angular distributions. The LHCb experiment is ideally suited for the analysis of these decays due to its high trigger efficiency, as well as excellent tracking and particle identification performance. Recent results from the LHCb experiment in the area of b->sll decays (aside from tests of lepton flavour universality) and in particular the angular analyses are presented and their interpretation are discussed.

I read the instructions

Secondary track (number)

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