Contribution ID: **92** Type: **not specified**

Flavour Anomalies in Rare Decays at LHCb

Thursday, 30 August 2018 14:30 (25 minutes)

Rare decays are powerful probes for Physics beyond the Standard Model (SM), as new particles can have a large impact on physics observables. Recent results on lepton universality tests and measurements of branching fractions and angular distributions of rare b->sll decays have shown tensions with the SM predictions. The LHCb experiment is ideally suited for the study of the these flavour anomalies, due to its large acceptance, precise vertexing and powerful particle identification capabilities. The latest results from LHCb on the flavour anomalies will be presented and their interpretation will be discussed.

Presenter: LANGENBRUCH, Christoph Michael (Rheinisch Westfaelische Tech. Hoch. (DE))

Session Classification: Heavy Quarks

Track Classification: Heavy Quarks