

Contribution ID: 973

Type: Parallel session talk

Very rare decays at LHCb

Friday 30 July 2021 11:15 (15 minutes)

Decays of b-hadrons that are very suppressed in the Standard Model, such as fully leptonic flavour-changing neutral-current transitions or lepton flavour violating decays, are particularly clean probes for New Physics. The LHCb experiment is designed for the study of b-hadron decays and ideally suited for the analysis of very rare decays due to its high trigger efficiency, as well as excellent tracking and particle identification performance. Recent results from the LHCb experiment on very rare decays are presented.

First author

Email

Collaboration / Activity

LHCb

Primary author: RAMOS PERNAS, Miguel (University of Warwick (GB))Presenter: RAMOS PERNAS, Miguel (University of Warwick (GB))Session Classification: T08: Flavour Physics and CP Violation

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