



Contribution ID: 1007

Type: **Parallel session talk**

Charmless three-body decays at LHCb

Monday 26 July 2021 15:45 (15 minutes)

Short and long-distance dynamics along with a sizeable effective weak phase caused by the interference between tree and penguin amplitudes in charmless 3-body B decays leads to a rich structure of CP violation as a function of the phase space. We present the latest studies with charmless $B \rightarrow 3h$ decays at LHCb, including CP asymmetries and branching fractions

Collaboration / Activity

LHCb

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Session Classification: T08: Flavour Physics and CP Violation

Track Classification: Flavour Physics and CP Violation