



Contribution ID: 870

Type: **Parallel Talk**

Beauty to charmonium decays at LHCb

Thursday, 7 July 2022 10:25 (17 minutes)

The presence of charmonium in the final states of B decays is a very clean experimental signature that allow the efficient collection of large samples of these decays. In addition, decays of beauty hadrons to final states with charmonium resonances proceed mainly through $b \rightarrow ccq$ tree-level transitions. The negligible penguin pollutions make these decays excellent probes of Standard Model quantities like the B_0 and B_s mixing phases. In this work we present the most recent results of LHCb in the study of these decays.

In-person participation

No

Primary author: NEUBERT, Sebastian (Bonn University)**Presenter:** HU, Wenhua (Peking University)**Session Classification:** Quark and Lepton Flavour Physics**Track Classification:** Quark and Lepton Flavour Physics