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Beauty to charmonium decays at LHCb

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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

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