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Measurements of $B \rightarrow D K^{(*)}$ decays to constrain the CKM unitarity triangle angle γ at LHCb

Saturday 7 July 2012 17:00 (15 minutes)

The LHCb experiment is a general purpose forward spectrometer operating at the Large Hadron Collider, optimized for the study of B and D hadrons. LHCb collected 1.0 fb⁻¹ of integrated luminosity during 2011 data taking, collecting unprecedented large samples of B hadron decays to final states involving charmed hadrons. These decays offer many complementary measurements of CP violation, in particular measurements which are sensitive to the angle γ of the CKM unitarity triangle. We present here world best measurements of these decays.

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