

CP violation in B decays to charmonia at LHCb

Friday, 6 July 2018 11:00 (20 minutes)

Precision measurements of CP violating observables in b hadron decays with charmonia in the final state are powerful probes to search for physics effects beyond the Standard Model. The most recent results on CP violation in the decay, mixing and interference of b hadrons obtained by the LHCb Collaboration will be presented, with particular focus on results obtained exploiting the data collected during the Run 2 of LHC. These results represent the world's best constraints, some of which are world-first measurements, of the CP violating phase ϕ_s .

Presenter: DORDEI, Francesca (CERN)

Session Classification: Quark and Lepton Flavor Physics