Contribution ID: 25

LHCb: penguin decays: Bs-> phi phi, phi gamma, phi mu mu and Bd-> K* mu mu

Friday 5 September 2008 16:15 (20 minutes)

Rare loop induced decays of neutral B mesons are sensitive probe of NP. The reconstruction of the decays Bs -> phi phi, phi gamma, phi mu mu, Bd -> Kgamma and K mu mu at the LHCb experiment will be discussed. The measurement of some observables sensitive to lepton generations beyond the SM, such as the CPV in the radiative penguins, the forward-backward asymmetry in the Bd->K^{*} mumu and the CPV in the decays Bs->phi phi, Bs->phi mumu will also be presented.

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