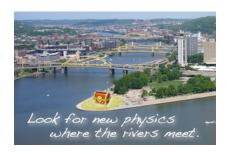
Phenomenology 2013 Symposium



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Flavour tagging at LHCb

Tuesday 7 May 2013 14:30 (15 minutes)

The identification of the flavour of reconstructed Bd and Bs mesons at production is necessary for the measurements of oscillations and time-dependent CP asymmetries. The calibration and performance of opposite-side and same-side flavour tagging algorithms have been developed using simulated events and different flavour specific B decays with $^{\sim}1$ fb-1 of data collected in pp collisions at \sqrt{s} =7 TeV during the 2011 physics run. Using flavour tagging LHCb has performed, among others, new measurements of Δms and of the CP violating Bs mixing phase ϕs .

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