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Charmless B decays at LHCb

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Charmless b-hadron decays are CKM suppressed in the Standard Model, which brings the tree amplitudes to levels comparable with corresponding loop amplitudes. Hence, new particles not foreseen in the SM that appear in the loops may alter observables of these decays. We present the most recent measurements of branching ratios and CP asymmetries in charmless b-hadron decays to two- and multi-body final states. Measurements of polarisation fractions and triple-product asymmetries for B->VV decays, where V indicates a vector meson, are also presented.

Experimental Collaboration

LHCb

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Session Classification: Flavour and symmetries

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