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Prospects for CP violation measurements with charmless hadronic B meson decays at LHCb gamma measurements

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Studies of two- and tree-body charmless hadronic decays of B mesons have high sensitivity to possible contributions from New Physics. Precision measurements involving these decays will be performed at LHCb, notably those of CP-violating asymmetries. These measurements benefit from a trigger system which is very efficient for hadronic final states and excellent particle identification capabilities. The full programme will be reviewed and first studies with 2010 data will be presented.

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