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Results and prospects for Charm Physics at LHCb

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Precision measurements in charm physics offer a window into a unique sector of potential New Physics interactions. LHCb is poised to become a world leading experiment for charm studies, recording enormous statistics with a detector tailored for flavour physics. The conditions of the 2010-11 run of LHC are especially conducive to the collection of charm events, with a very large data set already attainable this year. First charm results will be shown using data collected at LHCb in pp collisions at 7 TeV center-of-mass energy. The prospects for measurements of CP violation, mixing, and rare decays of charm mesons at LHCb will also be presented.

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