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Measurement of suppressed charm decays and search for CP violation at LHCb

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LHCb continues to expand its world-leading sample of charmed hadrons collected during LHC's Run 1 (2010-2012) and Run 2 (2015- present). This sample is yielding some of the most stringent tests of the Standard Model understanding of charm physics. This includes sensitive searches for direct and indirect CP violation in charm interactions and for charm decays that are heavily suppressed or forbidden in the Standard Model. The latest LHCb measurements from these research areas are presented.

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