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Mixing and indirect CPV in Charm decays at LHCb

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The large sample of charmed hadrons collected by LHCb is used to measure D^0 - D^0 bar mixing and to search for indirect CP violation as well as to measure direct CP violation in D^0 mesons and Λ_{c^+} baryons. New measurements from several decay modes are presented, including the first observation of CP violation in the charm system. We also discuss prospects for future sensitivities.

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