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## Charm: Rare, CPV, Mixing

*Friday 25 October 2024 14:30 (40 minutes)*

LHCb has collected the world's largest sample of charmed hadrons. This sample is used to search for charm rare decays and to measure  $CP$  violation and the  $D^0 - \bar{D}^0$  mixing. New measurements of several decay modes are presented, along with prospects for the sensitivity at the LHCb upgrades.

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