

BEACH 2024: XV International Conference on Beauty, Charm, Hyperons in Hadronic Interactions

Contribution ID: 9

Type: **not specified**

Charm physics at LHCb

Wednesday, 5 June 2024 09:00 (30 minutes)

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

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Session Classification: Session 5