



Contribution ID: 188

Type: **Parallel**

Studies of Bc mesons at LHCb

The Bc meson, the heaviest among known mesons, decays through the weak interaction. Its double-heavy quark content and distinct masses present new challenges and opportunities for testing effective theories with unique decay, spectroscopy and production properties. These features offer valuable insights into heavy-quark dynamics inside hadrons and enhance our understanding of the strong interaction. This talk presents recent progress on Bc spectroscopy and decay studies obtained at LHCb.

Secondary track

Author: COLLABORATION, LHCb

Session Classification: T05

Track Classification: T05 - QCD and Hadronic Physics