





Heavy flavor spectroscopy study at LHCb

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Studies on the spectroscopy of hadrons containing heavy quark(s) can deepen our understanding of the internal structure and dynamics of hadrons, thus improving our knowledge on the strong interaction, which is largely limited due to the non-perturbative behavior of Quantum Chromodynamics at low-energy regime. The discovery of a series of exotic heavy hadrons containing more than three valence quarks in the last decades has reinforced its importance. The LHCb experiment has been making significant contributions to such studies thanks to the large dataset provided by LHC and the delicate design of the detector. In this talk, a review of the heavy flavor spectroscopy study at LHCb will be presented.

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