

Recent results on pentaquark studies at LHCb

Friday, 31 October 2025 17:00 (20 minutes)

The discovery of pentaquark candidates at LHCb in 2015 is one of the major milestones in the field of exotic spectroscopy after 20 years of discovering the first exotic hadron. Despite this, there is still no consensus on their nature and internal structure. The large dataset and excellent detector performance, in particular for particle identification, give the LHCb experiment unprecedented capability to analyse these exotic states. In this talk, the latest results on pentaquark studies from LHCb will be discussed.

Primary author: 任, 赞 (UCAS)

Presenter: 任, 赞 (UCAS)

Session Classification: Parallel 3

Track Classification: LHCb