EPS-HEP2019



Contribution ID: 460 Type: Parallel talk

Baryon spectroscopy at Belle

Saturday 13 July 2019 10:15 (15 minutes)

The large data sample accumulated by the Belle experiment at KEKB asymmetric energy e^+ e^- collider provides a unique opportunity to perform studies of charmed strange baryons. In this presentation, we report a measurement of the absolute branching fraction of Xi_c^0 and Xi_c^+ . We present observation of $Xi(1620)^0$ and evidence for $Xi(1690)^0$ found in the decay $Xi_c^+ \to Xi^0$ pi^+ pi^-, and observation of excited Omegabaryons. Other measurements related to baryons will also covered in this presentation.

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Session Classification: QCD and Hadronic Physics

Track Classification: QCD and Hadronic Physics