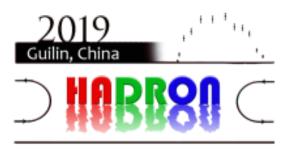
XVIII International Conference on Hadron Spectroscopy and Structure (HADRON2019)



Contribution ID: 51

Type: Leading parallel

Observations of new hyperons at Belle

Sunday, 18 August 2019 14:00 (25 minutes)

The spectrum of hyperon with S=-2,-3 are still not well known. The large data sample accumulated by the Belle experiment at KEKB asymmetric energy e^+e^- collider provide a unique opportunity to study these hyperons. In this presentation, we report observation and evidence of $\Xi(1620)$ and $\Xi(1690)$ in the $\Xi_c \to \Xi \pi \pi$ decay, and observation of new excited Omega- baryon decaying into Xi K produced from bottomonium decay.

Primary author: Dr SHEN, Chengping (Fudan University)

Presenter: Dr SHEN, Chengping (Fudan University)

Session Classification: Session 2: Baryon sepctroscopy

Track Classification: Session 2: Baryon spectroscopy