

# XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 424

Type: **Contributed Talk**

## Spectroscopy on conventional and non-conventional hadrons at Belle

*Tuesday, 13 April 2021 13:12 (18 minutes)*

The large data sample accumulated by the Belle experiment at the KEKB asymmetric-energy  $e^+e^-$  collider provides a unique opportunity to perform studies related to hadron spectroscopy utilising various production mechanisms. We report on radiative decays of excited  $\Xi_c$  baryons, study of  $\Xi_c \rightarrow \Xi_0 K^+ K^0$ , branching fraction measurement of  $\Lambda_c^+$ , determination of the spin and parity of charmed strange meson  $\Xi_c(2970)^+$ . We also cover recent study on charmonia, e.g.  $X(3872)$  in two-photon productions and search for resonant states with  $c\bar{c}b\bar{s}s$  quark content, and bottomonia.

**Primary author:** LI, Suxian (Fudan University)

**Presenter:** LI, Suxian (Fudan University)

**Session Classification:** QCD with Heavy Flavors and Hadronic Final States

**Track Classification:** QCD with Heavy Flavors and Hadronic Final States