

XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



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Spectroscopy on conventional and non-conventional hadrons at Belle

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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 Ξ_c baryons, study of $\Xi_c \rightarrow \Xi_0 K^+ K^0$, branching fraction measurement of Λ_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 $c\bar{c}b\bar{s}s\bar{b}$ quark content, and bottomonia.

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