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Experimental status of the XYZ structures

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Starting from the last decade of this century, many charmonium-like (also called as XYZ) states have been discovered at different experiments, including the two B-factories, BESIII, CDF, CMS, D0 and LHCb. These states are located at the charmonium region, but carry properties that can not be explained as conventional hadrons. They are considered as good candidates of exotic hadronic states which are beyond the simple configurations of hadrons in quark model. Huge amount of activities both experimentally and theoretically are made to understand the nature of these states.

Recent experimental activities will be presented in this talk, including the new information of the X(3872), new measurement of the vector states (Y) from the e^+e^- hadronic cross sections, new results of the charged Z states in B decays and e^+e^- machine.

Primary author: GUO, Yuping (Institut für Kernphysik, Johannes Gutenberg-Universität Mainz)

Presenter: GUO, Yuping (Institut für Kernphysik, Johannes Gutenberg-Universität Mainz)

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