

Aspects of Baryon Spectroscopy at ELSA

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Collaboration

Abstract content

Hadron Spectroscopy experienced a renaissance over the last decade in both meson and baryon sectors, initially triggered by the discovery of the enigmatic X , Y , Z states. The discussion on unconventional quark-gluon compositions to understand their internal structure is in meanwhile expanded to other baryonic states in the charm sector, e.g. the pentaquark candidates observed at LHCb. Old problems and recent findings in the strange sector may suggest similar structures to exist there as well. In this light, I will discuss recent results and ongoing experiments at ELSA, especially the new BGO-OD experiment.

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