

Recent results from BESIII

Monday, 15 January 2024 17:35 (50 minutes)

A 'second charm revolution' was sparked with the discovery of new 'XYZ' states, such as the X(3872) or the Y(4260) by the B factories Belle and BABAR, which do not fit into the conventional picture of quark-antiquark bound systems. Recently, a number of further, non-conventional bound states have been seen by various experiments in several different production channels. In this talk, I will concentrate on some of the more exotic bound states recently discovered at BESIII, and show some of the connections between them being made, both in the charmonium and the light quark sector.

Presenter: GRADL, Wolfgang (Institut für Kernphysik, Johannes Gutenberg-Universität Mainz)