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Exotics at hadron machines DANIEL CRAIK, Massachusetts Institute of Technology MIT

Since the advent of the quark model in the 1960's, the vast majority of hadrons have been well-described by bound states of either three quarks or a quark and an anti-quark. However, bound states of four, five or more quarks have long been expected. In the last decade, an ever-growing number of hidden-charm and hidden-beauty states have been observed with minimal quark contents of $Q\bar{Q}q\bar{q}$ (tetraquarks) and $Q\bar{Q}qqq$ (petaquarks). An overview will be given of the latest experimental results from hadron collisions, including the latest results from LHCb regarding the P_c pentaquarks.