

Exotic hadrons: tetraquarks, pentaquarks and hadronic molecules

Wednesday, 26 June 2024 09:00 (1 hour)

Recently the LHCb Collaboration announced the discovery of a new type of exotic hadron – a doubly-charmed tetraquark T_{cc}^+ , whose mass agrees precisely with a 2017 theoretical prediction. I will discuss the recent related experimental and theoretical developments regarding new types of hadrons: tetraquark and pentaquark hadronic molecules, doubly heavy baryons, stable tetraquarks and others.

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