

## The doubly heavy particles: baryons, tetraquarks and pentaquarks

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In this talk, I will review some new theoretical and experimental developments on doubly heavy baryons as well as tetraquarks and pentaquarks made of double heavy quarks, by insisting on our recent studies. I will compare the predictions of the phenomenological models with the experimental data on some parameters of the hadronic states under discussion. I will also discuss different assignments on the structure and quantum numbers of the recently discovered doubly heavy particles at hadron colliders.

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