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Hidden-charm pentaquarks as hadronic molecules

In this talk, I will discuss the hidden-charm pentaquarks with and without strangeness from the hadronic molecular point of view. I will show that the LHCb data can be well described under this picture by constructing an effective field theory for the interactions between $\Sigma_c^{(*)}\bar{D}^{(*)}$. Predictions of many more hidden-charm and double-charm molecular pentaquarks will be presented using a simple model for the interaction between a pair of charmed hadrons. I will also briefly discuss the photoproduction of P_c states.

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Track Classification: Hadron-hadron interactions