

Predicted molecular states recently found: LHCb pentaquarks, X0(2866) and Omega(2012)

Thursday, 17 December 2020 14:20 (25)

I shall report on predictions made for hidden charm molecular states from the meson baryon interaction which are in good agreement with the findings of the LHCb collaboration on the pentaquark states. Similarly, predictions were done for a molecular exotic state from the $D\bar{K}$ interaction which also agree with the LHCb findings of the X0(2866). Another state was predicted from the meson-baryon decuplet interaction, an Omega excited state, which again is in very good agreement with the recent Belle findings of the Omega(2012) state.

Primary author(s) : OSET BAGUENA, Eulogio (IFIC- University of Valencia-CSIC)

Presenter(s) : OSET BAGUENA, Eulogio (IFIC- University of Valencia-CSIC)

Session Classification : Session 5