



Contribution ID: 357

Type: **not specified**

Hidden-charm and bottom pentaquark states

Tuesday, 4 September 2018 17:00 (25 minutes)

The LHCb pentaquark states have been shown to be described by several models: as compact or molecular states or even very recently as molecular states with a core(1). A review of different models and different predictions will be given. Moreover new predictions for the most interesting channels where to look for new pentaquark states will be discussed.

(1) Y. Yamaguchi, A. Giachino, A. Hosaka, E. Santopinto, S. Tacheuchi, M. Takizawa, Phys.Rev. D96 (2017) no.11, 114031

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Session Classification: Hadron structure, spectroscopy and dynamics