

KMI Colloquium

A new dawn of spectroscopy



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(Online colloquium)

Abstract:

Over 60 hadrons have been discovered at the LHC during the last decade, which has renewed the interest in spectroscopy. Many of these new resonances are of exotic nature. I will discuss recent results from the LHCb experiment together with an overview of the current status of spectroscopy.

In particular I will focus on exotic states, such as tetraquark and pentaquark states. As example, a study of the properties of the recently observed doubly charmed T_{cc} state will be presented.

