

An analysis of the lattice QCD spectra for $D_{s0}^*(2317)$ and $D_{s1}^*(2460)$

Monday, 25 September 2017 17:30 (20 minutes)

In this talk I will present our results from a reanalysis of the energy levels obtained in a lattice QCD simulation from where the existence of bound states of KD and KD^* are induced and identified with the states $D_{s0}^*(2317)$ and $D_{s1}^*(2460)$. The study is done using effective field theories in a finite volume.

Primary author: Prof. ALBERTO, Martinez Torres

Co-authors: Prof. OSET, Eulogio; Prof. PRELOVSEK, Sasa; Prof. RAMOS, Angels

Presenter: Prof. ALBERTO, Martinez Torres

Session Classification: Spectroscopy of mesons

Track Classification: Spectroscopy of mesons