

DK scattering and $D_{s0}(2317)$

Thursday, July 26, 2018 9:50 AM (20 minutes)

I will discuss a recent lattice QCD investigation of *DK* scattering relevant for near-threshold charm-strange mesons such as the enigmatic $D_{s0}(2317)$. By employing a range of techniques, we extracted finite-volume spectra in a number of different channels. These were used to map out the energy dependence of the scattering amplitudes. The resonance and bound state content was determined by studying the singularity structure of the amplitudes.

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Session Classification: Hadron Spectroscopy and Interactions

Track Classification: Hadron Spectroscopy and Interactions