

## Hadron-Hadron Interactions from $N_f = 2 + 1 + 1$ Lattice QCD: $\pi - K$ scattering length

*Thursday, July 26, 2018 9:10 AM (20 minutes)*

In this talk we present our recent results of the elastic scattering length in the  $I_3 = \frac{3}{2}$  channel  $\pi - K$  scattering. We show a new method to remove thermal effects in the interaction energy of the  $\pi - K$  system, and present a careful continuum and chiral extrapolation of the scattering length.

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**Session Classification:** Hadron Spectroscopy and Interactions

**Track Classification:** Hadron Spectroscopy and Interactions