



Contribution ID: 19

Type: **Talk**

Hadron resonances from lattice QCD

Monday 1 August 2022 09:30 (20 minutes)

Studying the spectroscopy of hadrons from lattice QCD, much like in experiment, involves determining hadronic scattering amplitudes and investigating enhancements due to resonances. Lattice QCD offers a method for first-principles computation of hadronic scattering amplitudes and thus enables resonance properties to be determined directly from the fundamental theory. I will present several recent examples of hadronic resonances determined from lattice QCD involving light and charm quarks.

Preferred track

Hadron Spectroscopy

Subfield

HEP theory

Attending in-person?

Yes

On behalf of collaboration?

the talk could be given on behalf the Hadron Spectrum Collaboration

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Session Classification: Hadron spectroscopy 1

Track Classification: Hadron spectroscopy