

Hadron spectroscopy from lattice QCD

Wednesday 3 April 2024 15:30 (30 minutes)

I will provide an overview of some recent work on the spectroscopy and interactions of hadrons using first-principles lattice QCD calculations. Progress will be illustrated with a few examples of calculations of the masses and other properties of hadron resonances, including the coupling of a resonance to a photon, and scattering amplitudes. I will comment on the phenomenology suggested by the calculations, potential applications to other interesting channels and future prospects.

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