

Exploring meson resonances using lattice QCD

Thursday, 20 April 2023 09:00 (30 minutes)

Lattice QCD provides a means to rigorously compute hadronic scattering amplitudes within which hadron resonances appear. I'll show examples of the determination of resonances (non-exotic, exotic and possibly exotic) in coupled-channel situations, and illustrate how, by coupling scattering systems to external currents, we can study production mechanisms and explore resonance internal structure.

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Session Classification: Talks