

# Scattering and resonances from lattice QCD

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In recent years we have seen significant progress in our ability to study scattering reactions and resonances using lattice QCD. Quantities that were previously believed to be inaccessible from lattice QCD (e.g., scattering amplitudes of coupled-channel systems) are now being rigorously studied. For some reactions, the procedure for accessing amplitudes and their corresponding resonance content from lattice QCD mimics that of experiment. Going beyond this, lattice QCD promises to allow us to peer into experimentally inaccessible reactions, which will compliment our understanding of QCD at low-energies. In this talk, I discuss some of the formal and technological developments that have made this progress possible. I will review some of the more recent numerical results pertaining to the study of resonances on the lattice, and I will give an outlook for where the field is heading.

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