

Abstract Submitted
for the DNP20 Meeting of
The American Physical Society

Three-particle scattering amplitudes from lattice QCD FERNANDO ROMERO-LOPEZ, IFIC, University of Valencia-CSIC — Three-particle observables are the present frontier in lattice QCD scattering calculations. In this talk, I will report on the extraction of three-particle scattering amplitudes from lattice simulations. I will review the existing theoretical approaches and their relation, and comment on recent generalizations to include nonidentical particles and three-particle resonances. I will also address the current status of lattice simulations, including novel results in the φ^4 theory, and for three charged pions in QCD.

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Date submitted: 25 Jun 2020

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