

What can Lattice QCD provide for Hadron Spectroscopy

Sunday, 31 October 2021 09:00 (30 minutes)

Lattice QCD is one of the most important tool to study hadron physics. The key point by using lattice QCD results to study hadron physics is to transfer lattice QCD spectrum to the observables. The famous Luscher equation provides a powerful method to connect them. We also develop an alternative method, named as Hamiltonian Effective Field Theory (HEFT) method. In this talk we will introduce it and relevant recent researches. Once we have the link between Lattice QCD result and the observables, there are two questions, what we need from the lattice QCD and what can we learn from Lattice QCD? In this talk , I want to make some discussions.

Presenter: Prof. 吴, 佳俊 (University of Chinese Academy of Sciences)

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