ID contributo: **81** Tipo: **non specificato**

Challenges and prospects for baryonic resonances from lattice QCD

mercoledì 19 ottobre 2022 16:30 (30 minuti)

I will review recent progress in lattice QCD calculations of the hadron spectrum, with a focus on baryonic resonances. The talk will highlight formal progress in extracting various multi-hadron amplitudes as well as recent numerical results. In the presentation I will highlight key challenges faced by lattice calculations, e.g. due to the restriction to a Euclidean finite-volume spacetime. I will also emphasise recent progress in the rigorous treatment of three-hadron channels, expected to play an important role for many baryonic resonances.

Relatori: HANSEN, Maxwell; HANSEN, Maxwell (CERN)

Classifica Sessioni: Parallel 1

Classificazione della track: QCD calculations of hadrons spectrum and structure