

Excited mesons and resonances from lattice QCD

Thursday, 15 March 2018 15:00 (30 minutes)

I will discuss recent progress in studying excited and exotic mesons using first-principles lattice QCD calculations, an area where there have been significant advances in the last few years. In particular, some results on excited mesons, resonances and related phenomena in the light and heavy sectors will be highlighted, including work on heavy tetraquarks, open-charm mesons and light scalar mesons. I will comment on applications to other phenomenologically-interesting channels and future prospects.

Primary author: Dr THOMAS, Christopher (University of Cambridge)

Presenter: Dr THOMAS, Christopher (University of Cambridge)

Session Classification: Amplitude analysis and Light Quarks