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## Meson and baryon spectroscopy with charm quarks from lattice QCD

*Tuesday 18 July 2023 11:00 (45 minutes)*

Spectroscopy studies on the lattice can provide valuable insights through the investigation of states that are not well established experimentally, through the prediction of new states and by testing theoretical descriptions. The internal structure of these states can, in principle, be probed by determining their decay constants, form factors and so on. Mesons and baryons containing heavy quarks are actively being investigated, mirroring the large number of exotic hadrons discovered in this sector. I review recent lattice studies of hadrons containing charm quarks including non-standard states.

### Consent

I do not consent to recording/broadcasting of my presentation.

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**Session Classification:** Plenary