

## Baryon resonances from lattice QCD

*Thursday 30 October 2025 15:00 (25 minutes)*

Lattice QCD calculations have now reached the maturity required to determine the properties of hadronic resonances from first principles. In this talk, I will review recent progress on baryon resonances, with particular emphasis on the  $\Lambda(1405)$ , the  $\Delta(1232)$ , and two-nucleon systems. I will also outline the path toward exploring higher-lying resonances in QCD, highlighting recent advances that open the way to the study of three-hadron resonances.

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