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A review of hadron spectroscopy from Lattice QCD: new ideas and results

Tuesday, 1 September 2015 09:30 (30 minutes)

Hadron spectroscopy from lattice QCD has entered a new era of precision. The spectrum of excited and exotic single hadron states is determined for light and heavy mesons and baryons and the physics of resonances is now being addressed. I will present recent results for spectroscopy, including exotic and isoscalar states. New calculations of scattering states, including a coupled-channel analysis will be discussed. The open questions and challenges for lattice hadron spectroscopy will be reviewed.

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