

# Excited State Spectroscopy from Lattice QCD

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There has been a resurgence of interest in spectroscopy with a new generation of experiments that are starting worldwide, for example BES III, GSI/Panda, and Jefferson Lab's GlueX project as well as CLAS12.

Spectroscopy reveals fundamental aspects of hadronic physics. However, the excited spectrum of light quark mesons and baryons is not well determined or understood. The GlueX project will search for gluonic excitations of matter which have not unambiguously been observed.

Lattice QCD is quite amenable to such non-perturbative studies, but there are many challenges. I will report on some recent progress that has been made in determining the highly excited spectrum of QCD, and point out challenges for future work.

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