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Title: The Spectrum of QCD using lattice gauge theory.

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A flagship component of the 12 GeV Upgrade of Jefferson Laboratory is the search for so-called "exotic" mesons that may reveal the gluonic degrees of freedom that are so far superfluous to the observed spectrum of Quantum Chromodynamics, the theory describing the strong interaction of nuclear and particle physics. I describe recent calculations of the spectrum using lattice QCD, what they imply for current investigations of the spectrum of baryons such as the nucleons, the building blocks of nuclei, and what they predict for future searches at JLab@12GeV.