

## XVth Quark Confinement and the Hadron Spectrum



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### New Opportunities with Jefferson Lab at 22 GeV: Science at the Luminosity Frontier

*Monday 19 August 2024 14:00 (30 minutes)*

A 22 GeV upgrade to the CEBAF accelerator at Jefferson Lab has been made possible by recent novel advances in accelerator technology. CEBAF's envisioned capabilities, at the highest luminosities, will enable exciting opportunities to give scientists the full suite of tools necessary to comprehensively understand how QCD builds hadronic matter in the valence region. This talk will focus on the continuing development of the scientific case for the upgrade, with descriptions and concrete projections for experiments that are foreseen.

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