

Joint 20th International Workshop on Hadron Structure and Spectroscopy and 5th workshop on Correlations in Partonic and Hadronic Interactions



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The Jefferson Lab 22 GeV Upgrade

Monday 30 September 2024 17:00 (30 minutes)

The initial scientific case for upgrading the Continuous Electron Beam Accelerator Facility (CEBAF) at Jefferson Lab (JLab) to 22 GeV will be presented. The proposed physics program encompasses a large and diverse range of transformative investigations centered around the non-perturbative dynamics inherent in hadron structure and the exploration of strongly interacting systems. It builds upon the unique capabilities of CEBAF high-luminosity operations, the availability of existing or planned Hall equipment, and recent advancements in accelerator technology. Highlights and some key measurements will be discussed, with emphasis on the significant physics outcomes and unique aspects of these programs that distinguish them from other existing or planned facilities.

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Session Classification: Afternoon plenary