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Opening: Nuclear Physics at the Energy-luminosity Frontier

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Electron scattering is an essential tool for exploring Quantum Chromodynamics (QCD) and the short-range structure of hadrons and nuclei. Over the next two decades two new experimental facilities are expected to extend the combined energy-luminosity frontier: the Jefferson Lab 12 GeV Upgrade, and a future Electron-Ion Collider. Together they can provide qualitatively new insight into the 3-dimensional quark and gluon structure of the nucleon, the dynamics of color fields in nuclei, and the emergence of hadrons from the QCD color charge. This introduction briefly explains the context and plan of the workshop.