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Abstract for an Invited Paper
for the DNP07 Meeting of
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12 GeV Upgrade Jefferson Lab

VOLKER BURKERT, Jefferson Lab

I will discuss the program and opportunities to measure Generalized Partons Distributions (GPDs) at Jefferson Lab with the 12 GeV upgrade of the CEBAF accelerator. At the energy-doubled CEBAF the increased kinematics coverage will allow probing these new distributions functions in the entire valence quark regime. The experimental equipment planned for these measurements will be discussed as well.