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Abstract for an Invited Paper
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Overview of Jefferson Lab Theory¹

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The 12 GeV era of nuclear physics at Jefferson Lab is well underway. With the prospect of new high-precision data appearing soon, we present an overview of the theoretical tools currently being developed to interpret the data and extract from it longitudinal and transverse parton correlation functions of hadrons. This talk will focus on progress being made in applying modern data analysis methods, as well as lattice QCD simulations, to infer various momentum and spin correlation functions and reveal the landscape of the 3-dimensional quark and gluon structure of hadrons.

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