Future GPD measurements at CLAS12

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What can we learn from Generalized Parton Distributions (GPDs)?

The experimental setup: Jefferson Lab’s 12 GeV CEBAF accelerator and the CLAS12 detector

Future experiments and projected results

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Example of a 4x4 bin in p_{T}^{e} p_{T}^{d} space

Central Neutron Detector (CND)