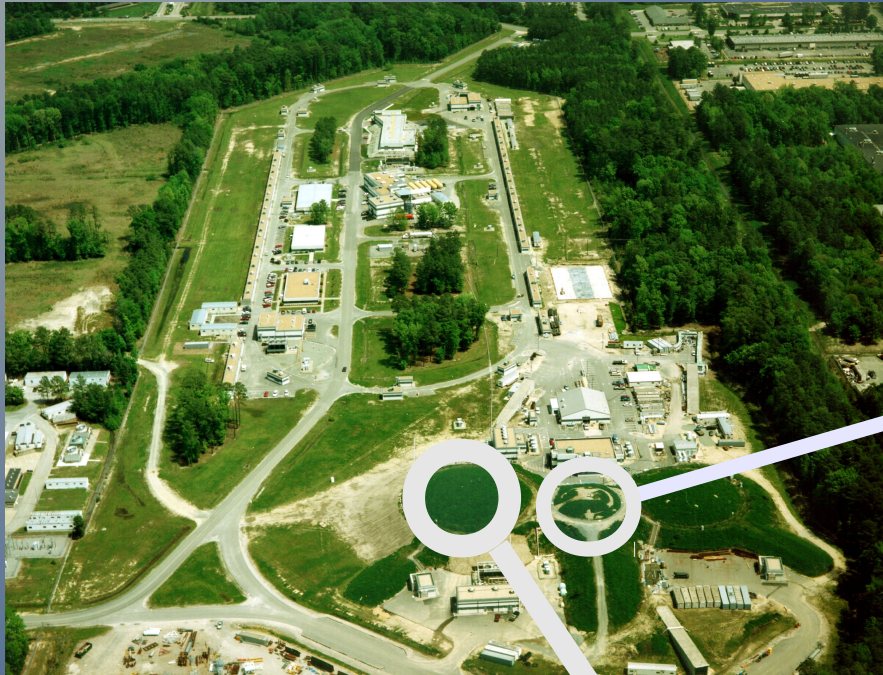


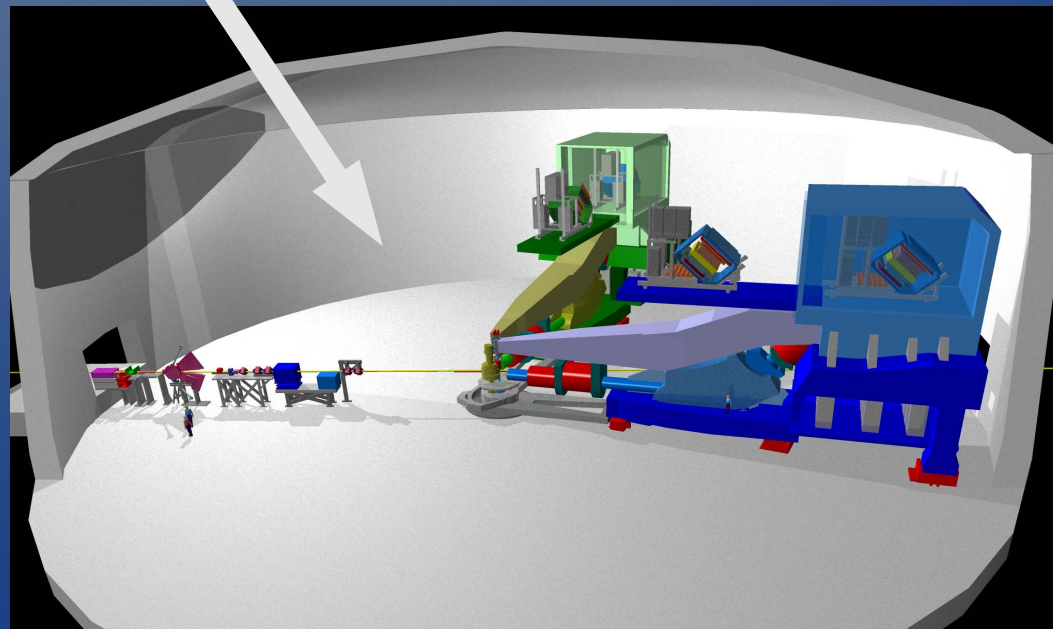
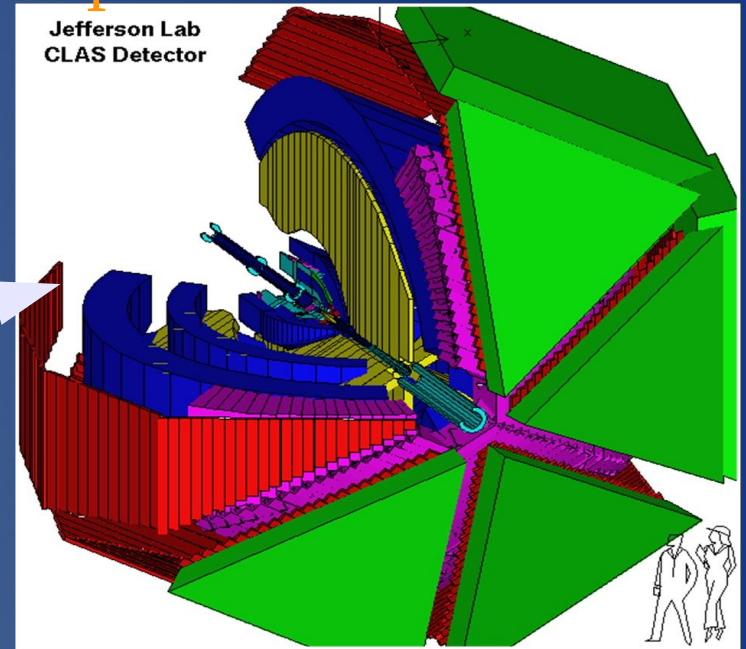


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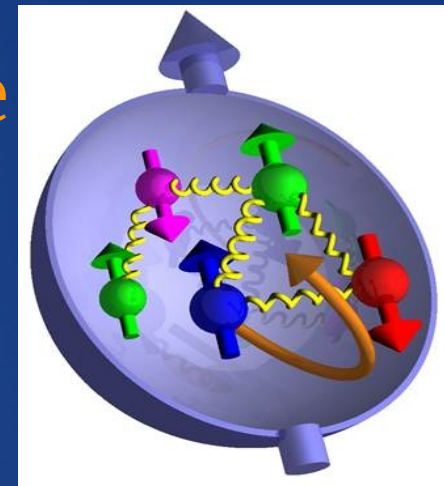
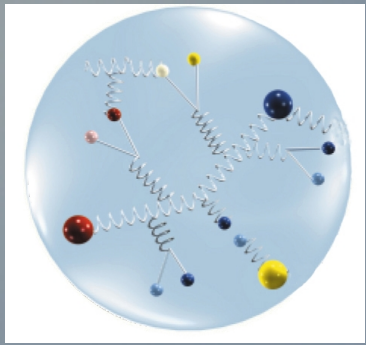


The Cebaf Large Acceptance Spectrometer at Hall B



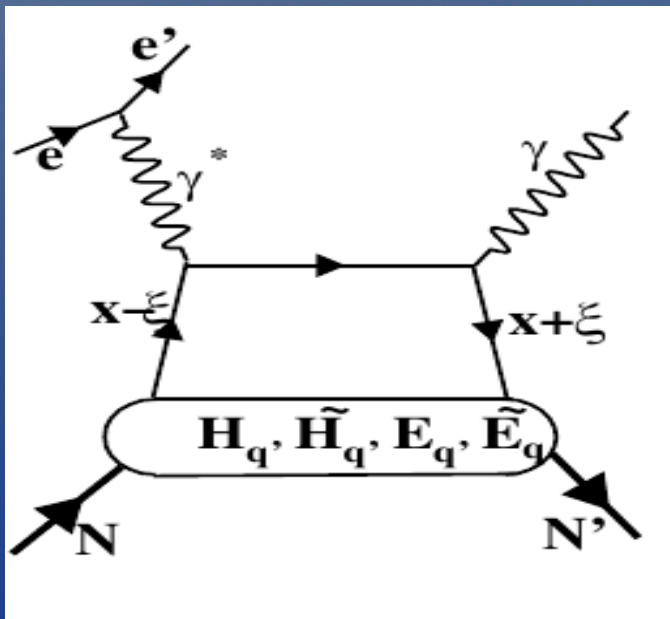
Study of the nucleon structure

A recently developed formalism of Generalized Parton Distributions showed that a complete information about quarks and gluons in the nucleon can be obtained through 4 GPD functions $H \tilde{H} E \tilde{E}$

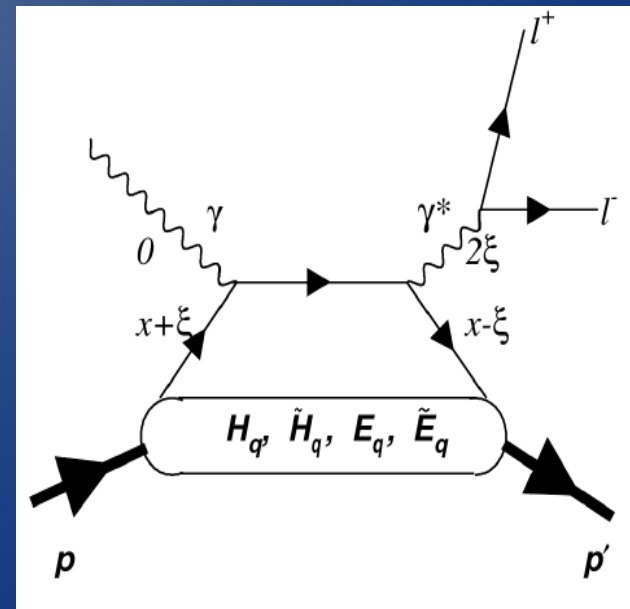


DVCS and TCS are processes where GPDs can be accessed more easily through the measuring cross-section and several types of asymmetries (beam spin, beam charge, target spin)

DVCS



TCS



I am currently working on:

- TCS analysis of CLAS 6 GeV data
- TCS proposal for CLAS 12 which should be submitted in the PAC 38
- GEANT4 simulation for HALL A DVCS Calorimeter