Nucleon structure studies via deeply virtual exclusive reactions at JLab

Preliminary results on exclusive pseudoscalar meson production at JLab will be presented. These data were taken concurrently with dedicated Deeply Virtual Compton Scattering (DVCS) experiments in Hall A and with CLAS. The Hall A results have motivated a new round of experiments that will pin down the different contributions to the DVCS cross section and thus allow a better extraction of GPDs from the data. In addition, we will also perform a Rosenbluth separation of the longitudinal pi0 electroproduction cross section which, if the appropriate kinematic limit is reached, can be interpreted in terms of Generalized Parton Distributions. A parallel program of measurements with a deuterium target will also be described.