**First Measurements of the Inclusive Electron Scattering off Protons with CLAS12**

N. Markov, Jefferson Lab, for the CLAS Collaboration

Electron scattering data off protons from the CLAS12 detector in Hall B at Jefferson Laboratory have become available and cover a wide kinematic range in W up to 4 GeV and Q2 up to 10 GeV2, offering new opportunities to explore inclusive, semi-inclusive, and fully exclusive reactions. A study that aims to extract the inclusive electroproduction cross sections from the CLAS12 data collected at a beam energy of 10.6 GeV from an unpolarized liquid-hydrogen target is now in progress and preliminary results will be presented. Because of the almost 4 acceptance of CLAS12, these data offer a unique opportunity to measure inclusive cross sections at W from the N threshold to > 2.0 GeV within any given Q2-bin. This unique W-coverage at fixed Q2-values is of particular importance for the extension of our knowledge on the nucleon parton distribution function in the resonance region by employing the existing CLAS results on the vpN\* electroexcitation amplitudes. These studies also offer valuable input for the exploration of quark-hadron duality.

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