

Abstract Submitted  
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**$\eta$  electroproduction at high momentum transferred with CLAS**

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— This analysis presents high quality angular distributions of the  $p(\vec{e}, e'p)\eta$  reaction for full coupled-channel analysis purpose. The *c.m.* differential cross section  $d\sigma/d\Omega_\eta^*$  will be extracted, and the unpolarized  $\sigma_T$ ,  $\sigma_L$ ,  $\sigma_{LT}$ ,  $\sigma_{TT}$  will be calculated. The measurement of the polarized longitudinal-transverse structure function  $\sigma_{LT'}$  will provide new and useful information for untangling the  $N^*$  states and to probe the interference between resonant and non-resonant processes. The CLAS spectrometer was used to detect the scattered electrons and final state protons, and the  $\eta$ 's were reconstructed by the missing mass technique. The angular distributions are obtained over the  $4\pi$  *c.m.* solid angle. The beam polarization was  $\sim 70\%$ . Preliminary data will be discussed.

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