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The OLYMPUS Experiment[1] LAUREN ICE, Arizona State Univ, OLYMPUS COLLABORATION — The goal of the OLYMPUS experiment is to determine the multiple-photon exchange contribution to elastic lepton-proton scattering, the most likely candidate to resolve the disagreement between measurements of the electric to magnetic form factor ratio of the proton, obtained through polarization techniques, with those determined using the Rosenbluth separation technique. About 4 fb^{-1} of data were taken using electron and positron beams of 2.01 GeV energy incident on an unpolarized hydrogen target. The analysis effort is in an advanced state over the full acceptance range of $0.6Q^2 2.6$ $(GeV/c)^2$. This talk will cover the motivation, experiment, and current status of the analysis.

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