

Abstract Submitted
for the APR16 Meeting of
The American Physical Society

A measurement of two-photon exchange in unpolarized elastic electron-proton scattering MIKHAIL YUROV, Univ of Virginia, E05-017 Collaboration — Jefferson Lab experiment E05-017 was designed to study 2-photon exchange contributions to elastic electron-proton scattering over a wide kinematic range. By detecting the scattered proton instead of the electron these measurements will be very sensitive to the ϵ dependence of the cross section and consequently the ratio $\frac{G_E}{G_M}$. The goals of the experiment, the experimental technique and the kinematic range will be presented. The analysis sequence and results of the early steps will be outlined.

Mikhail Yurov
Univ of Virginia, E05-017 Collaboration

Date submitted: 08 Jan 2016

Electronic form version 1.4