

Abstract Submitted
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The Neutron electromagnetic Form Factors at Large Momentum Transfer BOGDAN WOJTSEKHOWSKI, TJNAF, GORDON CATES, University of Virginia, RON GILMAN, Rutgers, The State University of New Jersey, BRIAN QUINN, Carnegie-Mellon University, SEAMUS RIORDAN, University of Virginia, SUPER BIGBITE COLLABORATION — Nucleon Form Factors provide powerful constraints on the Generalized Parton Distributions, which form a unified framework for a number of electromagnetic processes. Plans have been developed to measure the neutron electric and magnetic form factors at momentum transfers up to 10 and 18 GeV^2 , respectively. Experiments will be performed in JLab Hall A after the 12 GeV upgrade of the CEBAF accelerator, using the Super BigBite apparatus. In the talk we will present the proposed experimental setup and projected accuracy of the new measurements.

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