

Abstract Submitted
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Commissioning of the Gas Electron Multiplier System for the E12-17-004 Neutron Polarimeter¹ DHANUSHKA RATHNAYAKE, Hampton University — The Super Bigbite Spectrometer (SBS) at Thomas Jefferson National Laboratory was proposed to perform a series of high precision nucleon form factor experiments at large momentum transfer. The SBS will be capable of operating at very high luminosity and provide a large solid angle acceptance. A set of large Gas Electron Multiplier (GEM) detectors is being commissioned for a novel neutron polarimeter based on elastic and charge-exchange recoil proton detection. This talk will report on the commissioning activity and performance of the GEM detectors.

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