

Abstract Submitted
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Jefferson Laboratory Hall A SuperBigBite Spectrometer Data Acquisition System ALEXANDRE CAMSONNE¹, Hall A Jefferson Laboratory, HALL A COLLABORATION, HALL A SUPERBIGBITE COLLABORATION — The SuperBigBite detector is a large acceptance spectrometer which is being built for Hall A at Jefferson Laboratory and planned for completion in 2017. Several experiments are approved for this detector ranging from form factors to nucleon structure. The detector consists mainly of a large dipole magnet and several plane of Gas Electron Multiplier trackers associated with calorimeters. In order to reduce the cost of the project the electronics used will be a mix of older Fastbus and newly developed electronics. I will present the layout of the system and how we plan to handle the high background rates seen by the different detectors for the different experiments.

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