

Abstract Submitted  
for the APR12 Meeting of  
The American Physical Society

**High Speed Data Acquisition in APEX Dark Matter Experiment**

ELENA LONG, Kent State University, APEX COLLABORATION — The  $A'$  Experiment (APEX) to be conducted in Hall A of Jefferson Lab is a high sensitivity search for a proposed gauge boson,  $A'$ , that mediates interactions of dark matter. Collection of very large statistics is important to a high sensitivity search. In the upcoming experiment, data acquisition based on 1877S TDCs is planned to allow dramatic reduction of the event size. We will present details planned for the DAQ as well as initial results from the TDCs.

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Date submitted: 12 Jan 2012

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