

## **GEM Talk: Analyzing Noise for the Muon Silicon Scanner**

*Tuesday, August 15, 2017 3:30 PM (20 minutes)*

The development of a silicon muon tomography detector is a joint project between Fermilab and National Security Technologies, LLC. The goal of this detector is to detect nuclear materials better than technology in the past. Using silicon strip detectors and readout chips used by experiments at CERN we have been developing the detector. This summer we have been testing components of the detector and have been analyzing noise characteristics.

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