

## **PMT Triggering and Readout for MicroBooNE Experiment**

*Friday, 31 May 2013 11:15 (25 minutes)*

In this talk I will discuss the PMT readout and triggering system that will be used in the MicroBooNE LArTPC experiment. Triggering schemes have been designed to study beam neutrino events as well as fully characterize background cosmic rays. In addition, exploration of important physics applications including “late” scintillation light in Argon and Michel electrons will be possible. Various types of triggers and how they will be implemented in the combined PMT+TPC readout electronics system will be discussed.

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**Session Classification:** Scintillation Light Read-Out for Noble Elements-Based