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PMT Triggering and Readout for the MicroBooNE Experiment

This poster presents the proposed PMT readout and triggering system that will be used in the MicroBooNE LArTPC experiment. The triggering scheme has been designed to study beam neutrino events as well as fully characterize cosmic rays. In addition, exploration of important physics applications including the use of "late" scintillation light in argon for particle identification and Michel electrons from muon decay will be possible. Various types of triggers and how they will be implemented in the combined PMT+TPC readout electronics system will be discussed.

Primary author: Mr KALEKO, David (Columbia University/Nevis Labs)

Presenter: Mr KALEKO, David (Columbia University/Nevis Labs)

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