

Abstract Submitted  
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**Electron Neutrino Identification in the MINOS Detectors**

TINGJUN YANG, Stanford University, MINOS COLLABORATION — The MINOS experiment has the potential to further constrain or make the first measurement of the neutrino mixing angle  $\theta_{13}$ . It is very important to understand the electromagnetic and hadronic showers in the MINOS detectors. Several discriminating methods and techniques are developed to separate the  $\nu_e$  signals from a huge amount of backgrounds. The details of these techniques are discussed.

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