

# MINOS Electron Neutrino Appearance Analysis

*Monday 31 March 2008 16:09 (12 minutes)*

MINOS is a long baseline neutrino experiment that sends a beam of muon neutrinos from the Fermi National Accelerator Laboratory to a Far Detector in Minnesota 735 km away. MINOS will be able to improve the limit on the neutrino mixing angle  $\theta_{13}$  by searching for electron neutrino appearance resulting from the subdominant oscillation of muon neutrinos. This analysis will be discussed.

## Talk, Poster, or Talk & Poster

Talk

**Author:** Ms HOLIN, Anna (University College London)

**Presenter:** Ms HOLIN, Anna (University College London)

**Session Classification:** Parallel 1C: Neutrino Physics