



ID de Contribution: 37

Type: **Non spécifié**

Current NuMI/MINOS Oscillation Results

mercredi 5 mars 2008 19:35 (20 minutes)

The MINOS experiment is now making precise measurements of the ν_μ disappearance oscillations seen in atmospheric neutrinos, and will extend our reach towards the so far unseen θ_{13} by looking for ν_e appearance in the ν_μ beam. It does so by using the intense, well-understood NuMI neutrino beam created at Fermilab and observing it 735 km away at the Soudan Mine in Northeast Minnesota. Results from MINOS' first two years of operations will be presented.

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Classification de Session: K physics, CP , neutrinos