



CERN Joint EP/PP Seminars

SPEAKER: Anna Holin (University College London)

TITLE: **New results for muon neutrino to electron neutrino oscillations in the MINOS experiment**

DATE: Mon 12/04/2010 11:00

PLACE: Council Chamber

ABSTRACT

MINOS is a long-baseline neutrino oscillation experiment situated along Fermilab's high-intensity NuMI neutrino beam. MINOS has completed an updated search for muon neutrino to electron neutrino transitions, observation of which would indicate a non-zero value for the neutrino mixing angle θ_{13} . The present 7×10^{20} protons-on-target data set represents more than double the exposure used in the previous analysis. The new result and its implications are presented.

Organised by: Maria SPIROPULU (PH-EP).....Tea/Coffee
will be served at 10:30