



ID de Contribution: 52

Type: **Non spécifié**

Status of the T2K experiment

jeudi 11 mars 2010 10:30 (15 minutes)

T2K is a long baseline neutrino oscillation experiment which aims to precisely measure the oscillation parameters associated with ν_{μ} disappearance and to search for ν_e appearance. It utilizes the J-PARC proton synchrotron to produce the muon neutrino beam, which is measured by the near detectors and the Super-Kamiokande detector. The T2K neutrino beamline and the near detectors were commissioned with beam. The results including the performance of the beam monitors and neutrino events measured by the near detectors are presented.

Auteur: M. MATSUOKA, Kodai (Kyoto University)

Orateur: M. MATSUOKA, Kodai (Kyoto University)

Classification de Session: Neutrinos, Dark Matter