



Contribution ID: 131

Type: **Poster**

Neutrino and Antineutrino Oscillations in MINOS and MINOS+

MINOS+, a continuation of the MINOS experiment using a higher energy and more intense neutrino beam provided by the upgraded NuMI facility at Fermilab, started taking data in the fall of 2013. This poster presents the first results on oscillations from MINOS+. We report a measurement of neutrino and antineutrino oscillation parameters using the complete, nine year, data set taken by MINOS and the first 8 months of data from MINOS+. For this measurement, we combine three kinds of data samples: disappearance of ν_{μ} and appearance of ν_{τ} from the ν_{μ} beam, and atmospheric (anti)neutrinos recorded in the Far Detector.

Primary authors: O'CONNOR, Joseph (University College London); Ms MESQUITA DE MEDEIROS, Michelle (Federal University of Goias)

Presenters: O'CONNOR, Joseph (University College London); Ms MESQUITA DE MEDEIROS, Michelle (Federal University of Goias)

Track Classification: Long Baseline Oscillations