

## Three Flavor Oscillation Results from MINOS and MINOS+

The MINOS+ experiment began using the MINOS detectors with a higher energy neutrino beam in September 2013. For three years MINOS+ collected data from the Medium Energy NuMI neutrino beam at Fermilab and atmospheric neutrinos. Results for the measurement of  $\Delta m_{32}^2$  and  $\theta_{23}$  using muon neutrino disappearance from the complete MINOS+ data set will be presented. These results will be compared to and combined with the MINOS measurement which includes electron neutrino appearance data.

### Poster included in proceedings:

yes

### Authorship annotation

on behalf of the MINOS+ collaboration

### Session and Location

Wednesday Session, Poster Wall #53 (Auditorium Gallery Right)

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**Track Classification:** Poster (participating in poster prize competition)