

## MINOS/MINOS+

*Monday, 9 September 2013 16:40 (20 minutes)*

MINOS records interactions of neutrinos produced by the Fermilab NuMI beam line in two detectors, 734 km apart. Comparisons of the energy spectra and beam composition at the two sites yield precision measurements of neutrino oscillations for  $L/E \sim 500$  km/GeV. In this talk, results from the full exposure will be presented. We will present the interpretation of our data within the three flavor context, and we will report on the updated measurement of neutral current interaction rates in each detector, which enables a search for light neutrino families that do not couple via the weak interaction. We will also discuss the status and capabilities of MINOS+, the continuation of MINOS in the NOvA era.

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