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## Using the T2K near detector in neutrino oscillation measurements

*Monday 16 June 2014 17:00 (15 minutes)*

The neutrino oscillation measurements performed by the Tokai-To-Kamioka (T2K) experiment are dependent on the energy spectrum of the neutrino beam, as well as neutrino cross section model parameters. Measurements made at the near detector (ND280) provide important constraints on these quantities. This talk will discuss how these constraints are derived from ND280 measurements, and show the dramatic impact of ND280 on the T2K neutrino oscillation measurements.

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