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## Status and Prospects of the T2K Experiment

*Thursday 1 June 2017 08:30 (30 minutes)*

T2K is a long baseline neutrino oscillation experiment in Japan. T2K produces neutrinos at the J-PARC accelerator complex and observes them at the ND280 and Super-Kamiokande detectors. T2K continues to accumulate significant new data sets in neutrino and anti-neutrino mode. We will review the overall concept of the T2K experiment and then present our most up-to-date three-flavour results which include world-leading measurements of neutrino oscillation parameters, including the search for leptonic CP violation. We will also briefly introduce plans for future neutrino projects in Japan, namely T2K-II, NuPRISM and Hyper-Kamiokande.

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