

Super Kamiokande: The T2K Far Detector

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The T2K neutrino beam is created at J-PARC in the East of Japan and is aimed at Super Kamiokande (Super-K) 2.5° off-axis and 295km to the West. Super-K is a 50kT water Cherenkov detector upgraded in 2006 for use by the T2K experiment as a far detector. In this talk we present the status, data taking efficiency, and candidate events selection for both appearance and disappearance analyses. We also discuss developments in event reconstruction and event selection.

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