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## Standard Model Tests with T2K and other Neutrino Superbeams and by means of Liquid Argon Detectors

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Very high intensity accelerator neutrino beams are becoming available. Designed for experiments investigating neutrino mixing and leptonic CP violation, the will offer, at the same time, the opportunity to perform precision tests of the Standard Model and extract values of the parameters (Weinberg angle) in the medium and low energy region, checking the consistency with the high energy data coming from colliders. We studied in detail the potentialities of the superbeams, with particular attention to the T2K experiment, already running in Japan. The golden channel is the quasi elastic scattering of neutrino on nucleons and the ideal detector would be a liquid argon one. Therefore, our analysis could have applications also to other possible future experiments (like the proposal for neutrino experiments with the CERN-PS beam and ICARUS detector).

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