



Contribution ID: 30

Type: **Oral**

Experimental nuclear structure studies for neutrino physics

Monday, 16 October 2017 09:30 (30 minutes)

Recent experimental studies are reviewed on neutrino nuclear responses (square of nuclear matrix element NME) for double beta decays and astro neutrino interactions. The NMEs are re-normalized (quenched) by nucleonic and non-nucleonic correlations. The experimental studies to be discussed include single and double charge exchange reactions, muon capture reactions, photo-nuclear reactions and so on.

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Session Classification: Plenary