



Contribution ID: 349

Type: **Parallel contribution**

Neutrino-Nucleus Interactions

Wednesday 10 August 2011 14:00 (40 minutes)

A thorough understanding of the physics of neutrino nucleus scattering continues to evade us even after 50 years of experimental work. This is mainly caused by the challenges of these experiments that include beams with large energy uncertainty, low event rates, and large backgrounds. Progress has been made in recent years with new results from improved experiments. It is important to continue this work as current and near-future neutrino oscillation experiments require better understanding of these neutrino-nucleus interactions. This talk will survey the current state of measurements and models and will examine future prospects for progress.

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Session Classification: Neutrino Physics

Track Classification: Neutrino Physics