Neutrino-Nucleon Interactions and Lattice QCD RICHARD HILL, U Chicago, ANDREAS KRONFELD, Fermilab, AARON MEYER\textsuperscript{1}, U Chicago — We address techniques to make the theoretical underpinning of neutrino-nucleon scattering more robust. We see this foundation as a necessary step to disentangle fundamental physics (such as neutrino oscillation parameters) from nuclear effects. We address a reanalysis of old experiments with elementary targets, model-independent parametrizations of nucleon form factors based on analyticity, and lattice QCD calculations of the form factors.

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