

Mini workshop in preparation for the whitepaper

“Theoretical tools for neutrino scattering:
interplay between lattice QCD, EFTs, nuclear physics, phenomenology, and neutrino event generators”

To register use:

<https://indico.fnal.gov/e/miniwhitepaper>

- LQCD calculations for neutrino-nucleus scattering (Coordinator: **Mike Wagman**)
- Ab initio nuclear many-body studies for neutrino-nucleus scattering (Coordinator: **Joe Carlson**)
- Coherent elastic neutrino-nucleus scattering (Coordinator: **Louis Strigari**)
- Neutrino-induced shallow and deep inelastic scattering (Coordinator: **Natalie Jachowicz**)
- The needs of the neutrino experimental program (Coordinator: **Kendall Mahn**)
- Neutrino event generators (Coordinator: **Steven Gardiner**)

We welcome your participation in the discussion, which will be reflected in the white paper. If you cannot attend, please fill out [this google form](#) with any comments or additions. The form will remain open after the workshop.

WHITEPAPER MINI WORKSHOP: AUGUST 23-25, 11 AM TO 2 PM ET

Organizers: Baha Balantekin, Vincenzo Cirigliano, Zohreh Davoudi, Andre De Gouvea, Steven Gardiner, Rajan Gupta, Andreas Kronfeld, Kendall Mahn, Irina Mocioiu, Saori Pastore, Louis Strigari