

NuInt12  
Eighth International Workshop on  
Neutrino-Nucleus Interactions in the Few-GeV Region

Rio de Janeiro, Brazil  
21 - 27 October 2012

FIRST ANNOUNCEMENT

Dear Colleagues,

NuInt12 is the eighth in a series of workshops concentrating on low-energy, neutrino-nucleus interactions. The goal of this series is to bring theorists and experimentalists from the nuclear and high-energy communities together to address the many challenges to understanding these complex interactions. This will be the first edition in latin America, showing the scientific growth of this field. NuInt12 will consist of sessions covering the following topics:

- Session 1. Summary of NuInt11 and goals of NuInt12
- Session 2. Electron scattering and Meson Exchange Currents
- Session 3. CC and NC quasi-elastic scattering
- Session 4. Pion production and other inelastic processes
- Session 5. Deep and shallow inelastic scattering, quark hadron duality
- Session 6. Systematic effects on CP violation measurements
- Session 7. Confronting theory and experiments, event simulators.
- Session 8. Very low energy neutrino interactions
- Session 9. Future experiments.
- Session 10. Path forward and future prospects
- Session 11. Posters

Considerable time for discussion is being planned into these sessions.

We invite you to attend NuInt12 to continue the study of these important interactions. For more information go to our web page

<http://indico.fnal.gov/event/NUINT12>

For the NuInt12 Organizing Committees

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