

Nuclear Physics with Neutrinos
ECT* Collaboration meeting
December 3-7, 2001

Schedule

Monday, December 3

11.00 - 12.00: **Barry Holstein, U. Mass/Jülich**, Neutrinos and the Standard Model.

14.00 - 16.30: Discussions

16.30 - 17.20: **Malcolm Butler, Halifax**, Neutrino-Deuteron Interactions in the Effective Field Theories

Tuesday, December 4

9.45 - 10.35: **Erich Ormand, Livermore**, Neutrinos and the Shell Model.

10.35 - 10.55: **Gail McLaughlin, North Carolina State U.**, Neutrino-Lead Interactions.

10.55 - 11.20: Break

11.20 - 12.10: **Cristina Volpe, Orsay/Heidelberg**, Reactions Induced by Neutrinos on Nuclei: Recent Problems.

14.00 - 16.30: Discussions

16.30 - 17.00: **Emil Truhlik, Prague**, Nuclear Axial Heavy Meson Exchange Currents.

Wednesday, December 5

9.45 - 10.35: **Gail McLaughlin, North Carolina State U.**, Signatures and Constraints for Neutrinos in Extra Dimensions.

10.35 - 11.05: **Kouichi Hagino, Kyoto**, Electron Screening Problem in Astrophysical Reactions.

11.05 - 11.30: Break

11.30 - 12.20: **Marina Gibilisco, ECT***, Existence of Exotic Matter Inside Neutron Stars and Rapid Cooling Mechanisms.

14.00 - 16.30: Discussions

16.30 - 17.20: **Baha Balantekin, Wisconsin and ECT***, Neutrino Mass as a Fermion Pairing Problem.

Thursday, December 6

10.00 - 11.00: **George Fuller, San Diego**, Implications of the Neutrino Mass and Mixings for the Creation of Nuclei in Supernovae and the Early Universe.

11.00 - 12.30: Discussions

14.00 - 17.30: Discussions

Friday, December 7

9.45 - 12.30: Discussions

14.00 - 18.00: Discussions