

NuFact02 Summer Institute

1st International School on the Neutrino Factory

24th-29th June 2002

The Cosener's House, Abingdon, near Oxford, UK

The School will take place the week before the NuFact02 Workshop, which starts on Monday 1st July at Imperial College in London. It is being organised in close collaboration with the Workshop to enable students to profit from both.

The aim of the School is to provide young particle physicists, at the graduate and post-graduate level, with training in both the neutrino and accelerator physics aspects of a Neutrino Factory.

The preparation of a large multi-national group of young scientists, capable of embracing the necessary multiple skills, is essential for the long term effort towards a Neutrino Factory Complex.



Preliminary Programme

B.Kayser/FNAL (tbc)
T.Wilson/(CERN)

R.Palmer/BNL
R.Bennett/RAL
S.Geer/FNAL
Y.Mori/KEK (tbc)

Y.Kuno/Osaka
D.Harris/FNAL
B.Bingham/RAL

Physics of Massive Neutrinos
Basic Accelerator Physics
Technical Challenges of a Neutrino Factory:
Accelerator Complex
High Power Targets
R&D Programmes
Alternative Approaches

Slow Muons at a Neutrino Factory
Neutrino Experiments and Detectors
Neutrino Astrophysics

<http://cern.ch/proj-muon/muon/nufactschool.htm>