

# NuFact03 Summer Institute

2nd International School on the Neutrino Factory

**May 27—June 4, 2003**

Pridwin Hotel, Shelter Island, New York

Organized in conjunction with the NuFact03 Workshop,  
Columbia University, June 5-11, 2003

The aim of the school is to provide young particle physicists with an introduction to both the particle and accelerator physics aspects of neutrino factories and superbeams. The long-term goal of the series is to lay the foundation for a large multi-national group of scientists with the diverse skills that are essential for a Neutrino Factory Complex.

## **Physics of Massive Neutrinos**

Boris Kayser (FNAL)

## **Technical Challenges of a Neutrino Factory and Superbeams**

J. Scott Berg (BNL), Richard Fernow (BNL), Stephen Geer (FNAL), Daniel Kaplan (IIT),  
Kirk McDonald (Princeton U.), Robert Palmer (BNL), Grahame Rees (Rutherford),  
Linda Spentzouris (IIT)

## **Long Baseline Neutrino Experiments and Detectors**

Deborah Harris (FNAL), Kevin McFarland (U. Rochester),  
Takaaki Kajita (Tokyo U.), Hisakazu Minakata (Tokyo Metropolitan U.)

**Contact:** Kathleen Tuohy, tuohy@bnl.gov  
[http://home.fnal.gov/~dharris/nufact03\\_school.html](http://home.fnal.gov/~dharris/nufact03_school.html)

