



THE UNIVERSITY OF CHICAGO
ENRICO FERMI INSTITUTE



**POSTDOCTORAL RESEARCH POSITION
IN EXPERIMENTAL PARTICLE PHYSICS**

The Experimental Particle Physics group at the University of Chicago has an immediate opening for a postdoctoral Research Associate to participate in the Double-Chooz neutrino oscillation experiment. This 2-detector experiment, which will be performed at the Chooz Nuclear Power Station in France, will search for the last unmeasured mixing angle (θ_{13}) of the neutrino mixing matrix with almost an order-of-magnitude better sensitivity than previous experiments. The measurement of a nonzero value for θ_{13} would open the exciting possibility of observing CP violation in the lepton sector. The first data collection will begin in 2008.

The successful candidate would be expected to play a leading role in the final design and construction of the Double-Chooz experiment, as well as in the data analysis. Applicants should have experience in both hardware and data analysis. Preference will be given to recent PhD recipients. Applicants should send a curriculum vitae, a list of publications, and three letters of recommendation to:

Professor Edward Blucher
The Enrico Fermi Institute
The University of Chicago
5640 South Ellis Ave
Chicago, IL 60637
(blucher@hep.uchicago.edu)

**Applications will be considered until the position is filled.
Review of applications will begin on September 30, 2006.**

The University of Chicago is an Equal Opportunity/ Affirmative Action Employer.