## **Tufts University** Physics and Astronomy Colloquium

## "Future Discoveries in Long Baseline Neutrino Experiment: A Review of Crucial Precision Ingredients and HiResMuNu Experiment"

## Sanjib Mishra University of South Carolina

We will present the status of Long Baseline neutrino experiments, and focus on the crucial parameters --- empirical and theoretical --- that will control the potential for next-generation discoveries: the oscillation parameter Theta-13, CP-violation, and Mass Hierarchy.

## Friday September 26, 2008 3:00 PM Nelson Auditorium, Anderson 112

Refreshments at 2:30 PM in Burden Lounge, Anderson 108