

# Department of Theoretical Physics

## Free Meson Seminar

<i>Speaker</i>	:	S. Uma Sankar (IIT Bombay and TIFR)
<i>Topic</i>	:	Implications of the recent measurements of $\theta_{13}$
<i>Day, Date &amp; Time</i>	:	Thursday, August 11, 2011 at 2:30 p.m.
<i>Place</i>	:	AG 69

### *Abstract*

Recently T2K experiment has announced a *measurement* of the mixing angle  $\theta_{13}$ . This measurement leads us to re-evaluate our expectations from future experiments. In particular, there is a possibility that presently approved experiments will be able to measure leptonic CP violation and determine neutrino mass hierarchy. I will cover these issues and also discuss what it means for INO.

*(Nilmani Mathur)*