

# Department of Theoretical Physics

## Free Meson Seminar

<i>Speaker</i>	:	Biswarup Mukhopadhyaya (HRI, Allahabad)
<i>Topic</i>	:	Supersymmetry Search Strategies at the LHC: The Importance of Right $\nu$ 's
<i>Day, Date &amp; Time</i>	:	Thursday, May 22, 2008 at 2:30 p.m.
<i>Place</i>	:	AG 69

### *Abstract*

The existing supersymmetry (SUSY) search strategies at the LHC, at least in the minimal scenarios, are largely dependent on the hypothesis of large missing energy carried away by the lightest SUSY particle. However, the signals can be drastically different if right-handed neutrinos, along with their superpartners, are present. Such signals can be observable during the early period of the LHC.

*(Saumen Datta)*