

# Department of Theoretical Physics

## Free Meson Seminar

<i>Speaker</i>	:	Monoranjan Guchait
<i>Topic</i>	:	Supersymmetry in the light of LHC experiments
<i>Day, Date &amp; Time</i>	:	Thursday, April 7, 2011 at 2:30 p.m.
<i>Place</i>	:	AG 69

### *Abstract*

Supersymmetry (SUSY) is one of the most promising candidates for beyond standard model physics. The LHC experiments, both CMS and ATLAS, are looking for SUSY signals by analysing 2010 proton-proton collision data. Already both experiments have published results on SUSY searches predicting lower bounds on SUSY particles. These bounds along with other constraints are severely restricting various SUSY models. In this talk I plan to discuss the implications of these bounds on SUSY.

*(Nilmani Mathur)*