

Department of Theoretical Physics

Special Free Meson Seminar

- Speaker* : Santosh Kumar Rai
(Helsinki Institute of Physics, Finland)
- Topic* : Left-Right SUSY and
its exotics at colliders
- Day, Date & Time* : Wednesday, October 22, 2008
at 5:15 p.m.
- Place* : AG 69

Abstract

Supersymmetric models with left-right symmetry have appealing features which include origin of parity violation and small neutrino masses. The extended gauge and scalar sectors in the theory predict a much extended particle spectrum. We study the production and decay of doubly charged Higgsinos present in this model and investigate their distinctive signatures at the Large Hadron Collider.

(Saumen Datta)