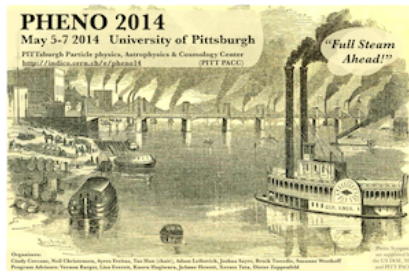


## Phenomenology 2014 Symposium



Contribution ID: 64

Type: **not specified**

# Exotic signals from NMSSM with RH sneutrino LSP

*Monday, 5 May 2014 17:15 (15 minutes)*

We have studied that the expected number of signal events of exotic processes, namely displaced vertices by the right-handed (RH) neutrino decay and long-lived charged particle of stau decaying into RH sneutrino LSP and tau lepton in the extended next-to minimal supersymmetric standard model introducing RH neutrino chiral superfield.

We show that significant number of events would be detected in the next run of LHC.

**Primary author:** SETO, Osamu

**Co-authors:** GARCIA CERDENO, David (Unknown); MARTIN-LOZANO, Victor (IFT-UAM/CSIC)

**Presenter:** SETO, Osamu

**Session Classification:** Dark Matter II