



Contribution ID: 73

Type: **not specified**

Indirect and direct detection prospects of RH-sneutrino dark matter in the NMSSM

Wednesday, 22 May 2013 18:10 (20 minutes)

Nowadays the situation regarding the detection of Dark Matter (DM) is extremely exciting and promising. On the one hand, indirect detection experiments, such as Fermi-LAT, are collecting data from the whole sky and beginning to constrain vanilla DM models, specially for light DM masses. On the other hand, direct detection experiments have reached an unprecedented sensitivity, starting to explore important regions of the parameter space in some DM models. In this talk, I will show for the right-handed sneutrino DM in the NMSSM, indirect and direct detection prospects, with special emphasis in the region of the parameter space in which the sneutrinos have a mass lower than 50 GeV.

Primary author: Mr PEIRÓ, Miguel (IFT UAM/CSIC)

Presenter: Mr PEIRÓ, Miguel (IFT UAM/CSIC)

Session Classification: Parallel Session C