



Séminaire du Laboratoire de l'Accélérateur Linéaire

Yann Mambrini

LPT Orsay

Mardi 21 Fevrier 2012 à 11 :00

Dark matter, candidates, signals and LHC consequences

Very recently several hints of Higgs or Dark Matter discoveries have been claimed : 125 GeV Higgs in ATLAS/CMS combined analysis, DAMA/CoGENT/CRESST excess in direct detection experiments of Dark Matter. In this seminar I will try to see if it is possible to conciliate the more recent astrophysical data with the most popular extensions of the Standard Model depending on the nature of the Dark Matter candidate. We will also look at the consequences of the Higgs searches on the mass and couplings of the Dark Matter particle to the Higgs sector and its perspective of discovery in a near future.

Salle 101 du LAL - Bât. 200, Orsay

Thé et café seront servis 1/4 h avant le séminaire



Responsables : N.Leroy (leroy@lal.in2p3.fr) - N.Delerue (delerue@lal.in2p3.fr)
<http://www.lal.in2p3.fr>