



Séminaire du Laboratoire de l'Accélérateur Linéaire

Daniel Whiteson

University of California Irvine

Jour inhabituel

Jeudi 25 Mars 2010 à 11 :00

CDF in its prime : searching for b' , t' , ν' , Z' ...

I will argue that new physics search strategies should be built from generalized effective Lagrangians, rather than scans of higher-scale parameters of a full theory or pure model-independent searches. I'll present recent CDF results on a search for a 4th generation down-type quark (b') and up-type quarks (t'), including the strongest direct limits on these particles and results for arbitrary mixing parameters. I will also show work on search for a 4th generation neutrino (ν') and vector bosons (Z'). I'll discuss LHC prospects for each of these searches.

Auditorium Pierre Lehmann du LAL - Bât. 200, Orsay

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



Responsables : N.Leroy (leroy/lal.in2p3.fr) - B. Viaud (viaud/lal.in2p3.fr)
<http://www.lal.in2p3.fr>