



Séminaire du Laboratoire de l'Accélérateur Linéaire

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Jour inhabituel

Lundi 8 Fevrier 2010 à 11 :00

Beyond the Higgs

EW interactions certainly need three Nambu Goldstone bosons to provide a mass to the W, Z gauge bosons. But they also need new dynamics to act as a UV moderator and ensure a proper decoupling at high energy of the extra polarizations associated to the mass of these spin-1 fields. After many years of theoretical speculations and in the absence of any direct experimental evidences, it is not yet possible to tell whether the strength of this new dynamics is weak or strong. I will revisit this question and present some LHC signatures that could bring an answer.

Salle 101 du LAL - Bât. 200, Orsay

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

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