



## *Séminaire du Laboratoire de l'Accélérateur Linéaire*

**Jour et heure inhabituels**

**Massimiliano Grazzini**

INFN Firenze

**Vendredi 4 Décembre 2009 à 11 :30**

## **The search for the Higgs boson at the Tevatron and the LHC**

The Higgs boson is a fundamental ingredient in the Standard Model, but it has not been observed yet. The main search channels of the Higgs at the LHC are reviewed, and recent theoretical progress in the calculation of the corresponding cross sections is discussed. A recent study of the impact of QCD effects on the ongoing search at the Tevatron is finally briefly described.

**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) - B. Viaud (viaud/lal.in2p3.fr)  
<http://www.lal.in2p3.fr>