

Dipartimento di Fisica Teorica  
dell'Università di Torino

Seminari comuni

Programma Autunno 2011

Venerdì 4 Novembre  
Aula Verde, ore 14:30

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(Università di Zurigo)

## Hunting the Higgs Boson

The Higgs boson is an essential ingredient in the Standard Model, but it has not been observed yet.

We review the main search channels of the Higgs boson at hadron colliders and we illustrate the theoretical progress in the computation of the corresponding cross sections.

We discuss the recent results of the Higgs search at the Tevatron and at the LHC, and the impact of radiative corrections.