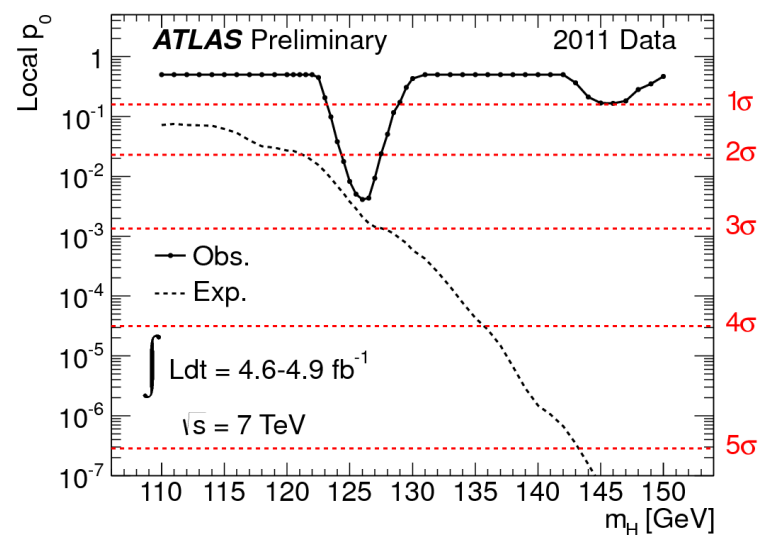
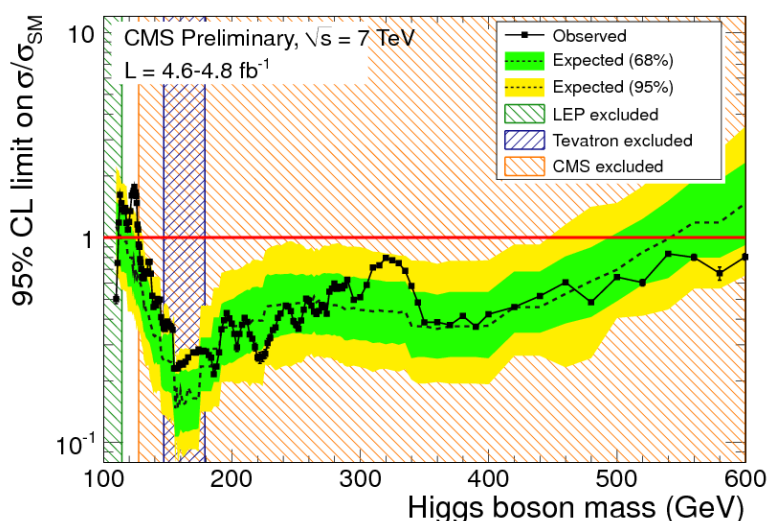




Higgs Searches.

Krisztian Peters (CERN)

Tuesday, 15 May 2012, 16:45 h
DESY Auditorium



The current status of Standard Model Higgs searches is presented, with a focus on recent results from the LHC. A comprehensive program of searches in many Higgs boson production and decay channels is underway, with results using up to 5/fb of data collected with the ATLAS and CMS detectors at the LHC. The main discovery channels are Higgs bosons decaying to diphotons or to a pair of vector-bosons, with a high experimental resolution or a larger production rate compared to the contributing backgrounds. These searches are complemented with more exclusive final states. Latest results of the individual searches, as well as the combination of these results by the ATLAS and CMS experiments will be discussed. The Tevatron experiments are in the phase of finalising the analysis of the full Tevatron RunII dataset of 10/fb. Main differences to the LHC searches and the latest results from the tevatron will be also presented.

- Coffee, tea and cookies will be served at 16.30h
- After the seminar there is a chance for private discussions with the speaker over wine and pretzels

