ID de Contribution: **78** Type: **Ordinary**

High mass SM Higgs

lundi 14 mars 2011 09:40 (15 minutes)

We present the results of searches for the Standard Model Higgs
boson decaying predominantly to W+W- and ZZ pairs, at a center-of-mass energy of $\sqrt{s}$ =1.96 TeV, using up to 8.1 fb^{-1} of data collected with the CDF and D0 detectors at the Fermilab Tevatron collider.
The improvements of the analysis techniques and inclusion of additional channels are discussed. The combination of these channels results in significantly improved sensitivity across the 130-200 GeV mass range.

Author: Dr PETRIDIS, Konstantinos Alexandros (The University of Manchester)

Orateur: Dr PETRIDIS, Konstantinos Alexandros (The University of Manchester)

Classification de Session: Brout-Englert-Higgs boson Searches (TeVatron and LHC)