



Joint EP/PP/LPCC seminars

SPEAKER: Alex Tapper (Imperial College London)
TITLE: **Results on SUSY and Higgs searches at CMS**
DATE: Tue 15/03/2011 16:30
PLACE: Filtration Plant

ABSTRACT

We present the results of searches for Supersymmetry and the Higgs boson performed using data collected in 2010 by the CMS experiment at the LHC in pp-collisions at a centre-of-mass energy of 7 TeV. Searches for Supersymmetry are performed in all-hadronic final states with jets and missing transverse energy and in final states including one or more isolated leptons or photons. No evidence for new physics is observed and limits are set on the predictions of a range of Supersymmetric scenarios. The results of searches for the Higgs boson are presented and limits set.