Rencontres de Moriond EW 2011



ID de Contribution: 23 Type: Ordinary

Exotica Searches at CMS

mardi 15 mars 2011 17:20 (20 minutes)

We discuss the results of searches for various new physics phenomena in the pp collisions at 7 TeV delivered by LHC and collected with the CMS detector in 2010. While the sensitivity of these early searches varies, in many cases they set the most stringent limits on these new physics phenomena. These results demonstrate good understanding of the detector and backgrounds in a variety of channels, which is a fundamental component of successful searches in view of the much larger data sample expected to be delivered by LHC in 2011 and beyond.

Auteurs principaux: CMS, Collaboration (-); Dr SANTANASTASIO, Francesco (University of Maryland)

Orateur: Dr SANTANASTASIO, Francesco (University of Maryland)

Classification de Session: Beyond the Standard Model

Classification de thématique: Experiment