



Contribution ID: 283

Type: **Oral presentation**

Search for the Higgs boson in fermionic channels using the CMS detector

Wednesday 30 April 2014 15:20 (20 minutes)

Searches for the Higgs boson have been carried out in different fermionic decay modes with the CMS detector at the LHC collider. The analysis is based on pp collision data collected at centre-of-mass energies of 7 and 8 TeV corresponding to integrated luminosities of 5/fb and 20/fb respectively. The strategy and results of the searches are reported.

Primary author: GROTHE, Monika (University of Wisconsin (US))

Presenter: VIZAN GARCIA, Jesus Manuel (Universite Catholique de Louvain (UCL) (BE))

Session Classification: WG3: Electroweak Physics and Beyond the Standard Model

Track Classification: WG3: Electroweak Physics and Beyond the Standard Model