



Contribution ID: 404

Type: Oral Presentation

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

Thursday, 10 July 2014 14:20 (20 minutes)

Abstract content
 (Max 300 words)
 http://events.saip.org.za/getFile.py?target=_blank **Formatting & Special chars**

Since the discovery of the Higgs boson by the ATLAS and CMS experiments at the LHC, the emphasis has shifted towards measurements of its properties. Of particular importance is the direct observation of the coupling of the Higgs boson to fermions. In this presentation a comprehensive review of ATLAS results in the search for the Higgs boson in tau, muon, and b-quark pairs will be given.

Apply to be considered for a student award (Yes / No)?

Yes

Level for award (Hons, MSc, PhD)?

PhD

Main supervisor (name and email) and his / her institution

Simon H Connell <simonhconnell@gmail.com> UJ

Would you like to submit a short paper for the Conference Proceedings (Yes / No)?

Yes

Primary author: Mrs LEE, Claire (UJ & Academia Sinica)

Presenter: Mrs LEE, Claire (UJ & Academia Sinica)

Session Classification: NPRP

Track Classification: Track B - Nuclear, Particle and Radiation Physics