

Session Program

Apr 7 - 9, 2014



IOP 2014 Joint HEPP & APP Group Meeting

Parallel 2C

Royal Holloway, University of London, Windsor Building
Egham Hill, Surrey TW20 0EX

Tue, April 8

4:00 PM

Parallel 2C: Higgs

Session | **Location:** Windsor Building, Room C | **Convener:** Session chair: Dr. Jon Hays

16:00 - 16:15

Evidence for Higgs Boson Decays to the $\tau\tau$ Final State with the ATLAS Detector

Speaker

Carl Jeske

16:15 - 16:30

ATLAS results on the Higgs boson properties in the decay channel $H \rightarrow ZZ \rightarrow 4\ell$

Speaker

Ludovica Aperio Bella

16:30 - 16:45

Overview of 0-Lepton $Z(\nu\nu) + H(b\bar{b})$ Analysis and b-tagging MC Calibration

Speaker

Matthew Ian Jackson

16:45 - 17:00

The matrix element method in the search for dileptonic $t\bar{t}H(H \rightarrow b\bar{b})$

Speaker

Ian Allan Connelly

17:00 - 17:15

Novel Techniques to improve the Invariant Dijet Mass Reconstruction in the Standard Model Higgs boson resonance search $H \rightarrow b\bar{b}$ in association with a W/Z boson using the ATLAS detector

Speaker

Manuel Proissl

17:15 - 17:30

Search for the Higgs Boson $b\bar{b}$ decay with the ATLAS detector

Speaker

Ines Ochoa

17:30 - 17:45

Search for the Standard Model Higgs Boson decaying to $b\bar{b}$ produced in association with a W boson with the ATLAS detector

Speaker

Benedict Allbrooke

17:45 - 18:00

Using a Regression Analysis to Improve the b-jet energy correction in $WH \rightarrow \ell\nu b\bar{b}$ Searches at ATLAS

Speaker

Thomas Olivier Ravenscroft

18:00 - 18:15

Evidence for the 125GeV Higgs boson decaying to a pair of tau leptons at CMS

Speaker

Rebecca Charlotte Lane

18:15 - 18:30

Search for invisible Higgs decays in the VBF channel using the CMS detector

Speaker

João Pela

6:30 PM