

Session Program

2-4 Apr 2012

IoP Joint HEPP and APP Meeting 2012

Track 3

Queen Mary, University of London

Tuesday 3 April

14:00

Track 3

Session | **Location:** Queen Mary, University of London, David Sizer LT | **Convener:** Melissa George

14:00-14:15

The EDELWEISS dark matter search: latest results and future plans

Speaker

Sam Henry

14:15-14:30

Searching for eV-scale neutrinos with muon storage rings

Speaker

Christopher Tunnell

14:30-14:45

Searching for correlation of the highest energy cosmic rays with nearby large scale structure

Speaker

foteini oikonomou

14:45-15:00

A terrestrial search for dark contents of the vacuum and dark energy, using atom interferometry.

Speaker

Oliver Burrow

15:00-15:15

A Blueprint for Galaxy Formation through Dark Matter Mapping - Genetic Codes and Algorithms

Speaker

Sotira Trifourki

15:15-15:30

Use of Gamma Rays to constrain expansion history of Universe

Speaker

Malcolm Fairbairn

15:30-15:45

Underground Muon Detection

Speaker

Sam Telfer

16:00

16:30

Track 3

Session | **Location:** Queen Mary, University of London, David Sizer LT | **Convener:** Joseph Neil Lilley

16:30-16:45

W mass measurement at ATLAS

Speaker

Eleanor Lucy - USE THIS ONE Davies

16:45-17:00

Forward transverse energy measurements with ATLAS

Speaker

Peter Alexander Wijeratne

17:00-17:15

Using rapidity gaps to study soft diffractive interactions in the ATLAS detector.**Speaker**

Mr Tim Martin

17:15-17:30

W -> mu nu selection at LHCb**Speaker**

Stephanie Clare Donleavy

17:30-17:45

Measurement of the Electron Charge Asymmetry in Inclusive W Production in pp Collisions at $\sqrt{s} = 7$ TeV**Speaker**

Martyn David Jarvis

17:45-18:00

A study of $\psi(2S)$ to $J/\psi \pi \pi$ in ATLAS**Speaker**

Lee John Allison

18:00

Wednesday 4 April

14:00

Track 3

Session | **Location:** Queen Mary, University of London, David Sizer LT | **Convener:** Ilektra Christidi

14:00-14:15

Search for the Standard Model Higgs Boson in the two photon decay mode

Speaker

Nicholas Wardle

14:15-14:30

Optimisation of VBF tagging for Higgs \rightarrow gamgam

Speaker

Robert Cantrill

14:30-14:45

b-bbar dijet measurement at the ATLAS Detector

Speaker

Stephen Paul Bieniek

14:45-15:00

Boosted H \rightarrow bb analysis

Speaker

Mr Brendan Joseph O'Brien

15:00-15:15

Search for a Standard Model Higgs Boson in the H \rightarrow ZZ \rightarrow llnunu channel with the ATLAS detector

Speaker

Joseph David Price

15:15-15:30

Measurement of the ZZ production cross section in the four lepton channel at ATLAS

Speaker

Nick Edwards

15:30-15:45

Search for the standard model Higgs boson in the tau tau mu+X final state at DZero

Speaker

Louise Suter

15:45-16:00

Lepton Jets at CMS

Speaker

Benjamin Radburn-Smith

16:00