

Session Program

2-4 Apr 2012

IoP Joint HEPP and APP Meeting 2012

Track 1

Queen Mary, University of London

Tuesday 3 April

14:00

Track 1

Session | **Location:** Queen Mary, University of London, G. O. Jones Lecture Theatre | **Convener:** Giuseppe Salamanna

14:00–14:15 **Top quark charge asymmetry in dilepton final states**

Speaker

Tim Head

14:15–14:30 **ttbar cross section measurement in mu+jets channel with CMS**

Speaker

Philip Hugh Symonds

14:30–14:45 **Spin Correlations in ttbar events at ATLAS**

Speaker

James William Howarth

14:45–15:00 **A Search for Resonances in Semileptonic Top Pair Production**

Speaker

Mr Lukasz Kreczko

15:00–15:15 **ttbar Spin Correlations at ATLAS**

Speaker

Thomas McLaughlan

15:15–15:30

Search for single top tW associated production in the dilepton decay channel at CMS

Speaker

William Patrick Martin

16:00

16:30

Track 1

Session | **Location:** Queen Mary, University of London, G. O. Jones Lecture Theatre | **Convener:** Leo Jenner

16:30–16:45 **Hybridized Pixel Sensors for High Luminosity LHC**

Speaker

Dean Charles Forshaw

16:45–17:00 **The CMS Binary Chip - overview and results**

Speaker

William Ferguson

17:00–17:15

Characterization and Test Beam Analysis of 3D Silicon Sensors for the ATLAS Upgrade

Speaker

Clara Nellist

18:00

17:15-17:30

Digital Calorimetry at future linear colliders

Speaker

Tony Price

17:30-17:45

Delta-Rays in ATLAS silicon

Speaker

Thibaut Mueller

Wednesday 4 April

14:00

Track 1

Session | **Location:** Queen Mary, University of London, G. O. Jones LT | **Convener:** Susan Carol Haines

14:00–14:15

CP Violation on Bs mixing: measuring ϕ_1

Speaker

Robert Andrew Currie

14:15–14:30

Observation of CP violation in $B^0 \rightarrow D^0 K^0$ decays

Speaker

Paolo Gandini

14:30–14:45

Measurement of the CP violating phase γ using $B \rightarrow D^0(-) K^0 h$ decays at LHCb

Speaker

Daniel Johnson

14:45–15:00

The angular analysis of $B_d \rightarrow K^* \mu \mu$ at LHCb

Speaker

Alexander Shires

15:00–15:15

Rare Beauty and Charm decays at LHCb

Speaker

Christopher John Parkinson

15:45–16:00

Parliamentary Office of Science and Technology

Speaker

Sophie Redford

16:00