

Session Program

Apr 7 - 9, 2014



IOP 2014 Joint HEPP & APP Group Meeting

Parallel 2D

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

Tue, April 8

4:00 PM

Parallel 2D: Dark Matter II / Exotic Searches

Session | **Location:** Windsor Building, Room D | **Convener:** Session chair: Dr. Joseph Walding

16:00 - 16:15

Using cosmological data to study Dark Matter interactions with Standard Model particles

Speaker

Mr Ryan Wilkinson

16:15 - 16:30

The LZ dark matter experiment

Speaker

Henrique Araujo

16:30 - 16:45

Building the background screening capability for LZ

Speaker

Dr Chamkaur Ghag

16:45 - 17:00

Beyond DEAP-3600: Development of a 50-tonne Next-Generation Liquid Argon Detector at SNOLAB

Speaker

Simon Peeters

17:00 - 17:15

The search for heavy neutrinos at NA62

Speaker

Francis Oliver Newson

17:15 - 17:30

A search for long lived neutral particles decaying to photons at the ATLAS detector

Speaker

Allan Kenneth Lehan

17:30 - 17:45

Search for high-mass dilepton resonances in 21 fb^{-1} of pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS experiment

Speaker

Marc Bret Cano

17:45 - 18:00

Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb

Speaker

Jon Harrison

18:00 - 18:15

Axion search prospects with the LZ experiment

6:30 PM

Speaker
Dr Paolo Beltrame

18:15 - 18:30 **End**