

Session Program

7-9 Apr 2014



IOP 2014 Joint HEPP & APP Group Meeting

Parallel 1D

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

Tuesday 8 April

13:00

Parallel 1D: Dark Matter I

Session | **Location:** Windsor Building, Room D | **Convener:** Session chair: Dr. Chamkaur Ghag

13:00-13:15 **Is there evidence for a Dark Matter signal in CoGeNT data?**

Speaker
Jonathan Davis

13:15-13:30 **First results from the LUX dark matter experiment**

Speaker
Dr Lea Reichhart

13:30-13:45

Delayed Coincidence Analysis for Determining the 85Kr Background in LUX

Speaker
Mr Adam Bailey

13:45-14:00 **Multi Higgs doublet models**

Speaker
Dr Venus Keus

14:00-14:15

A DEAP Search for Dark Matter: An Overview of the DEAP-3600 Experiment

Speaker
Dr Joseph Walding

14:15-14:30 **A DEAPer Search for Dark Matter: Getting Ready for Data**

Speaker
Alistair Butcher

14:30-14:45

The long term future of direct detection Experiments and the Neutrino barrier.

Speaker
Dr Malcolm Fairbairn

14:45-15:00 **DMTPC Progress on Directional Dark Matter Detection**

Speaker
Mr Richard Eggleston

15:00-15:15

Simple steps to analyse direct detection experiments without halo uncertainties

Speaker
Felix Kahlhoefer

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

15:30