

Session Program

9 June 2014

DMUK meeting

Short contributions

Durham, OC208

Institute for Particle Physics Phenomenology, Department of Physics, Durham University.

Monday 9 June

14:00

Short contributions

Session | Location: Durham, OC208

14:00–14:12 **The neutrino floor**

Speaker

Philip Grothaus

14:12–14:22 **DRIFT and directionality**

Speaker

Prof. Neil Spooner:

14:22–14:34 **Automated analysis of minority carrier data in DRIFT**

Speaker

Dr Stephen Sadler

14:34–14:46 **LZ**

Speaker

Dr Henrique Araujo

14:46–14:58 **DEAP**

Speaker

Navin Seeburn

14:58–15:10 **A CoGeNT analysis**

Speaker

Dr Chris McCabe

15:10–15:22 **WIMP speed distributions**

Speaker

Dr Anne Green

15:22–15:34

Dark Matter and Pulsar Model Constraints from Galactic Center Fermi-LAT gamma ray observations

Speaker

Dr Chris Gordon

15:34–15:55 **BREAK**

15:55–16:07 **Interactions of Dark Matter with the visible sector**

Speaker

Ryan Wilkinson:

16:07–16:19

SUSY-QCD corrections to Neutralino (Co)annihilation and the impact on relic density

Speaker
Dr Harz Julia

16:19-16:31 **Self-Interacting Dark Matter**

Speaker
Andrew Robertson

16:31-16:43 **High Energy Neutrons**

Speaker
Dr Paolo Beltrame

16:43-16:55 **Low background screening**

Speaker
Dr Paul Scovell

16:55-17:07 **Boulby Underground Science Facility: Status and Future Plans.**

Speaker
Prof. Sean Paling

17:07