

Session Program

11-12 Jan 2017



YTF 9

Parallel Sesion: Dark Matter

Thursday 12 January

11:00

Parallel Sesion: Dark Matter

Session | **Location:** Department of Mathematical Science, CM101 | **Convener:** Mr Tarso Franarin

11:00-11:25 **Distinguishing Dark Matter in Direct Detection**

Speaker

Mr Andrew Cheek

11:25-11:50 **Direct WIMP searches with the LUX-ZEPLIN experiment**

Speaker

Mr Ibles Olcina

11:50-12:15 **Simulating Massive Halos to Constrain the Nature of Dark Matter**

Speaker

Mr Jack Richings

12:15-12:40 **The 3.5 keV line in Perseus: Evidence for Fluorescent Dark Matter**

Speaker

Mr Nicholas Jennings

12:40-13:05 **The Sun as a Laboratory for Electromagnetic Dipole Dark Matter**

Speaker

Mr Ben Geytenbeek

13:05