

Session Program

22-27 Jul 2018



BROWN UNIVERSITY



23 - 27 JULY 2018

IDM 2018

1.3 Direct Detection

MacMillian, 117
Brown University Providence, Rhode Island, USA

Monday 23 July

14:00

1.3 Direct Detection

Session | **Location:** MacMillian, 117, Brown University Providence, Rhode Island, USA | **Convener:** Richard Gaitskell

14:00–14:20

Doping LXe TPCs with helium for light dark matter

Speaker

Hugh Lippincott

14:20–14:40

SuperCDMS Detector Performance and Early Science from CUTE

Speakers

Tsuguo Aramaki, Tsuguo Aramaki

14:40–15:00

Electron Recoil Bubble Nucleation in PICO Bubble Chambers

Speaker

Daniel Baxter

15:00–15:20

Potassium and Dark Matter: the KDK Experiment

Speaker

Philippe Di Stefano

15:20–15:40

ER/NR Discrimination in Liquid Xenon with the LUX Experiment

Speaker

Mr Vetri Velan

15:40–16:00

Dark Matter Model or Mass: Benchmark-Free Forecasting for Future Detectors

Speaker

Thomas Edwards

16:00