

Session Program

22-27 Jul 2018



IDM 2018

2.5 Direct Detection

MacMillian, 117
Brown University Providence, Rhode Island, USA

Monday 23 July

16:30

2.5 Direct Detection

Session | **Location:** MacMillian, 117, Brown University Providence, Rhode Island, USA | **Convener:** Prof. Philippe DiStefano

16:30–16:50

Background analysis in a one tonne-year dark matter search of XENON1T

Speaker

Dr Fei Gao

16:50–17:10

First results of high voltage breakdown studies with XeBrA

Speaker

Lucie Tvrznikova

17:10–17:30

Simulations for the LUX-ZEPLIN Experiment

Speaker

Prof. Vitaly Kudryavtsev

17:30–17:50

Production and high voltage testing of the LZ detector grids

Speaker

RACHEL MANNINO

17:50–18:10

Measurements of electron extraction efficiency and low-energy electron recoil response in a two-phase xenon time projection chamber

Speaker

Ethan Bernard

18:10–18:30

Phase 2 Upgrades for the HAYSTAC Axion Experiment

Speaker

Kelly Backes

18:30