

Session Program

24-27 May 2022

**The Mitchell Conference on Collider, Dark
Matter, and Neutrino Physics 2022**

Electroweak

Tuesday 24 May

15:50

Electroweak: Dark Sector

Session | Convener: James Dent

15:50–16:13

Prospects for Dark Sector Search at the Deep Underground Neutrino Experiment

Speaker

Wooyoung Jang

16:13–16:36

Exploring Dark Sector Physics at Neutrino Facilities

Speaker

Dr Doojin Kim

16:36–16:59

Dark Sector Particle Searches at Rare Nuclear Isotope Accelerator Facilities

Speaker

Prof. Jae Yu

16:59–17:22

Stückelberg Effective Field Theory

Speaker

Adam Orion Martin

17:22–17:45

Reinstating Dark Sector Solutions to the MiniBooNE Anomaly

Speaker

Adrian Raphael Thompson

17:45