

Session Program

21-23 May 2018

**The Mitchell Conference on Collider, Dark
Matter, and Neutrino Physics 2018**

Neutrinos, flavor, and cosmology

Tuesday 22 May

14:00

Neutrinos, flavor, and cosmology

Session

14:00–14:20

Current Status and Recent Result of the XENON1T Dark Matter Search Experiment

Speaker

Dr Petr Shagin

14:20–14:40

Searching for Dark Matter Interactions in Cosmology

Speaker

Kimberly Boddy

14:40–15:00

The Fermilab LArTPC Neutrino Program

Speaker

Jonathan Asaadi

15:00

Wednesday 23 May

09:00

Neutrinos, flavor, and cosmology

Session

09:00–09:20

An Update on the Borexino Solar Neutrino Program

Speaker

Prof. Ed Hungerford

09:20–09:40

Flavor Physics and Light Dark Sectors

Speaker

Irina Mocioiu

09:40–10:00

Primordial black holes in dwarf galaxies

Speaker

Prof. Savvas Koushiappas

10:00–10:20

First observation of coherent elastic neutrino-nucleus scattering and continued efforts of the COHERENT Collaboration

Speaker

Grayson Rich

10:20