

Session Program

23-26 May 2024

**The Mitchell Conference on Collider, Dark
Matter, and Neutrino Physics 2024**

Dark Matter

Mitchell Institute, Texas A&M University, Hawking Auditorium

Friday 24 May

10:45

Dark Matter

Session | **Location:** Mitchell Institute, Texas A&M University, Hawking Auditorium | **Convener:** Kuver Sinha

10:45–11:10 **Dark Matter and Dark Sectors at the LHC**

Speaker

Luca Lavezzo

11:10–11:35 **Dark-Matter Mass from Angular Dependence**

Speaker

Prof. Jong-Chul Park

11:35–12:00
The cosmology of ultralight scalar dark matter coupled to right-handed neutrinos

Speaker

Ryan Plestid

12:00–12:25 **Detecting Rare Species of Dark Matter with Terrestrial Detectors**

Speaker

Anupam Ray

12:25