

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

Wednesday 22 May

10:45

Dark Matter

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

10:45–11:10

A Lower Bound on Dark Matter Mass

Speaker

Mustafa Amin

11:10–11:35

Superheavy Decaying Dark Matter

Speaker

Rouzbeh Allahverdi

11:35–12:00

Minimal Dark Matter Freeze-in with Low Reheating Temperatures and Implications for Direct Detection

Speaker

Barmak Shams Es Haghi

12:00–12:25

Light axions with kinetic coupling

Speaker

Prof. Savvas Koushiappas

12:25