

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