

Session Program

May 23 - 26, 2024

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

Dark Matter

Mitchell Institute, Texas A&M University, Hawking Auditorium

Thu, May 23

10:45 AM

Dark Matter

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

10:45 - 11:10 AM **A Lower Bound on Dark Matter Mass**

Speaker

Mustafa Amin

11:10 - 11:35 AM **Superheavy Decaying Dark Matter**

Speaker

Rouzbeh Allahverdi

11:35 AM - 12:00 PM

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

Speaker

Barmak Shams Es Haghi

12:00 - 12:25 PM **Light axions with kinetic coupling**

Speaker

Prof. Savvas Koushiappas

12:25 PM