

**Session Program**

**13-16 May 2025**

**The Mitchell Conference on Collider, Dark  
Matter, and Neutrino Physics 2025**

***Thursday Afternoon Session 1***

Mitchell Institute, Texas A&M University, Hawking Auditorium

Thursday 15 May

13:45

Thursday Afternoon Session 1: Thursday Afternoon Session 1

Session | Location: Mitchell Institute, Texas A&M University, Hawking Auditorium | Convener: Andrew Long

13:45–14:08 Neutrino Self-Interaction in Core-Collapse Supernovae

Speakers

Anna M. Suliga, Anna Suliga

14:08–14:31 Dirac Neutrinos and the Strong CP Problem from  $SU(5) \times SU(5)$

Speaker

Anil Thapa

14:31–14:54 Boosted Dark Matter from Supernova

Speaker

Fazlollah Hajkarim

14:54–15:17 Axion stars: mass functions and constraints

Speaker

Jae Hyeok Chang

15:17