

**Session Program**

**13-16 May 2025**

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

***Thursday Afternoon Session 2***

Mitchell Institute, Texas A&M University, Hawking Auditorium

# Thursday 15 May

15:40

## Thursday Afternoon Session 2: Thursday Afternoon session 2

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

15:40–16:03 **Probing Low-scale Baryogenesis in Neutron Stars**

**Speaker**

Rouzbeh Allahverdi

16:03–16:26 **Novel Astrophysical Probes of Exotic Dark Matter Candidates**

**Speakers**

Andrew Zentner, Andrew Zentner

16:26–16:49 **Gamma-ray quiet millisecond pulsars and the Galactic Center Excess**

**Speakers**

Addy Evans, Addy Evans

16:49–17:12 **Indirect Detection of Hot Dark Matter**

**Speaker**

Barmak Shams Es Haghi

17:12–17:35 **Hunting axions with the James Webb Space Telescope**

**Speaker**

Elena Pinetti

17:35