

**Session Program**

**May 23 - 26, 2024**

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

***Neutrino***

Mitchell Institute, Texas A&M University, Hawking Auditorium

# Sat, May 25

2:00 PM

## Neutrino

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

14:00 - 14:25

### Novel Neutrino Self-interaction Can Save Sterile Neutrino Dark Matter

**Speaker**

Prof. Yue Zhang

14:25 - 14:50

### New Physics Opportunities at Tau Neutrino Experiments

**Speaker**

Prof. Seodong Shin

14:50 - 15:15

### Matter Effect on the Flavor Composition of Astrophysical Neutrinos

**Speaker**

Bhupal Dev

15:15 - 15:40

### Probing New Physics with Double Beta Decay

**Speaker**

Prof. Frank F Deppisch

3:40 PM