

Session Program

23-26 May 2024

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

Neutrino

Mitchell Institute, Texas A&M University, Hawking Auditorium

Thursday 23 May

10:45

Neutrino

Session | **Location:** Mitchell Institute, Texas A&M University, Hawking Auditorium | **Convener:** Prof. Frank F Deppisch

10:45-11:10

Ab initio Nuclear Calculations for Dark Matter Detection and CEvNS

Speaker

Baishan Hu

11:10-11:35

What's the wave packet size of neutrinos?

Speaker

Shirley Li

11:35-12:00

Unleashing the Power of EFT in Neutrino-Nucleus Scattering

Speaker

Zahra Khajeh Tabrizi

12:00-12:20

Revisiting Reactor Anti-Neutrino 5 MeV Bump with ^{13}C Neutral-Current Interaction

Speaker

Min-Gwa Park

12:25