

Session Program

23-26 May 2024

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

Gravitational Wave, Phase Transition

Mitchell Institute, Texas A&M University, Hawking Auditorium

Thursday 23 May

16:10

Gravitational Wave, Phase Transition

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

16:10-16:35

BSM Physics with Future Gravitational Wave Detectors

Speaker

Kuver Sinha

16:35-17:00

Dark Matter in the Time of Gravitational Waves

Speaker

Tao Xu

17:00-17:25

Multi-Messenger Probes of First-Order Phase Transitions

Speaker

Cash Hauptmann

17:25-17:50

Collider and gravitational wave signals for electroweak phase transition

Speaker

Dorival Gonçalves

17:50