

Session Program

16-19 May 2023

**The Mitchell Conference on Collider, Dark
Matter, and Neutrino Physics 2023**

Dark matter

Texas A&M University, Hawking Auditorium

Tuesday 16 May

09:30

Dark matter

Session | **Location:** Texas A&M University, Hawking Auditorium | **Convener:** Zackaria Chacko

09:30-09:55

Blazar constraints on the dark matter - neutrino cross section

Speaker

Francesc Ferrer Escursell

09:55-10:20

A multi-messenger probe of the nature of neutrino mass

Speaker

Bhupal Dev

10:20-10:45

Milli-Magnetic Monopole Dark Matter and the Survival of Galactic Magnetic Fields

Speaker

Michael Graesser

10:45

Wednesday 17 May

11:15

Dark matter

Session | **Location:** Texas A&M University, Hawking Auditorium | **Convener:** Bhupal Dev

11:15-11:40 **Dark matter physics: from the early universe to near-field cosmology**

Speaker

Prof. Vera Gluscevic

11:40-12:05 **Composite Dark Matter Through the Neutrino Portal**

Speaker

Can Kilic

12:05-12:30 **Dark Matter Misalignment Through the Higgs Portal**

Speaker

Brian Thomas Batell

12:30