

Session Program

16-19 May 2023

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

Cosmology

Texas A&M University, Hawking Auditorium

Monday 15 May

09:30

Cosmology

Session | Location: Texas A&M University, Hawking Auditorium | Convener: Kaustubh Agashe

09:30–09:55 Parity solution to the strong CP problem and leptogenesis

Speaker
Rabindra Mohapatra

09:55–10:20 Leptogenesis triggered by a first-order phase transition

Speaker
Peisi Huang

10:20–10:45 Probing the Early Universe with Dark Matter Annihilation

Speaker
Adrienne Erickcek

10:45

Thursday 18 May

11:15

Cosmology

Session | Location: Texas A&M University, Hawking Auditorium | Convener: Keith Dienes

11:15–11:40

Stasis in an Expanding Universe: Overview, Concrete Realizations, and Observational Consequences

Speaker

Brooks Thomas

11:40–12:05

Dark Matter and Baryogenesis from Long-Lived Particles in the Visible Sector

Speaker

Rouzbeh Allahverdi

12:05