

Session Program

15-17 May 2019

**The Mitchell Conference on Collider, Dark
Matter, and Neutrino Physics 2019**

Dark Matter and Cosmology

Friday 17 May

10:40

Dark Matter and Cosmology

Session

10:40–11:05

Constraining Non-thermal Dark Matter by CMB

Speaker

Rouzbeh Allahverdi

11:05–11:30

Deciphering the Archaeological Record: Cosmological Imprints of Non-Minimal Dark Sectors

Speaker

Keith Dienes

11:30–11:55

Cosmological Constraints on Unstable Particle Ensembles

Speaker

Brooks Thomas

11:55

15:10

Dark Matter and Cosmology

Session

15:10–15:35

Reheating at Strong Coupling

Speaker

Scott Watson

15:35–16:00

Establishing the Initial Conditions for Inflation: A Slingshot Mechanism

Speaker

Dr Jeff Kost

16:00–16:25

Cosmic-ray dark matter from simplified models

Speaker

Dr Jayden Newstead

16:25