

Session Program

7-9 May 2018



Phenomenology 2018 Symposium

DM II

University of Pittsburgh
Pittsburgh, PA 15260

Monday 7 May

16:30

DM II

Session | **Location:** Benedum Hall, G-30

16:30–16:45

$SU(5) \times U(1)_X$ Grand Unification with Minimal Seesaw and Z' -portal Dark Matter

Speaker

Prof. Nobuchika Okada

16:45–17:00

J-factors for Velocity-Dependent Dark Matter Annihilation

Speaker

Jason Kumar

17:00–17:15

GeV-Mass Thermal WIMPs: Not Even Slightly Dead

Speaker

Rebecca Leane

17:15–17:30

Thermal Dark Matter Through the Dirac Neutrino Portal

Speaker

Barmak Shams Es Haghi

17:30–17:45

Upgoing ANITA events as evidence of a heavy dark matter component in the Earth's interior

Speakers

Luis Anchordoqui, Luis Anchordoqui

17:45–18:00

Annihilation rates of wino dark matter from an effective field theory approach

Speaker

Evan Johnson

18:00–18:15

Gravity-Mediated Dark Matter Annihilation in the Randall-Sundrum Model

Speaker

Thomas Rueter

18:15–18:30

Collider & Astrophysical Phenomenology of Massive Spin-2 Mediated WIMP Dark Matter

Speaker

Dennis Foren

18:30