

Session Program

8-10 May 2017



Phenomenology 2017 Symposium

DM IV

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 9 May

16:30

DM IV

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

16:30–16:45 **Detecting Dark Matter via Kinetic Heating of Neutron Stars**

Speaker

Nirmal Raj

16:45–17:00 **Detecting compact dark matter with fast radio bursts**

Speaker

Julian Munoz

17:00–17:15

Implications of neutrino backgrounds for the direct detection of sub-GeV DM-electron scattering

Speaker

Mukul Sholapurkar

17:15–17:30

An Overview of Neutrino Floor Analysis and Application in the Search for Dark Matter and Coherent Scattering

Speaker

Mr Derek Johnson

17:30–17:45

Testing Light Dark Matter Coannihilation With Fixed-Target Experiments

Speaker

Matthew Moschella

17:45–18:00

Boosted Dark Matter at the Deep Underground Neutrino Experiment

Speakers

Haider Alhazmi, Haider Alhazmi

18:00–18:15

The influence of dark energy on the expansion rate of the universe and its effects on dark matter relic abundance

Speaker

Esteban Jimenez

18:15–18:30

The Vev Flip-Flop: Dark Matter Decay between Weak Scale Phase Transitions

Speaker

Michael Baker

18:30