

Session Program

24-26 May 2021



Phenomenology 2021 Symposium

DM IV

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 25 May

16:30

DM IV

Session | **Convener:** Kaustubh Agashe

16:30–16:45 **Dark Matter with a Bounce**

Speaker

Bibhushan Shakya

16:45–17:00 **Electroweak Confinement and $SU(2)_L$ Dark Matter**

Speakers

Jessica N. Howard, Jessica N. Howard

17:00–17:15

Baryogenesis and Dark Matter from Dark, 1st Order Phase Transitions

Speaker

Robert McGehee

17:15–17:30

Joint CMB and BBN Constraints for Light Dark Sectors with Dark Radiation

Speaker

Cara Giovanetti

17:30–17:45

A Reconstruction Conjecture: Deciphering the Structure of the Dark Sector from the Matter Power Spectrum

Speaker

Dr Fei Huang

17:45–18:00

Extracting Dark-Matter Velocities from Halo Masses: A Reconstruction Conjecture

Speaker

Kevin Manogue

18:00–18:15

Superheavy scalar dark matter from gravitational particle production in α -attractor models of inflation

Speaker

Siyang Ling

18:15–18:30

Higgs-portal dark matter in brane world cosmology

Speaker

Taoli Liu

18:30