

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

DM IV

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 10 May

16:30

DM IV

Session | Location: Lawrence Hall 207 | Conveners: Brooks Thomas, Brooks Thomas

16:30-16:45 A theory of dark pions

Speaker
LINGFENG LI

16:45-17:00
The Darkest Matters: Model-Independent Constraints on Dark Matter and Cosmic Neutrinos

Speaker
Yu-Dai Tsai

17:00-17:15 Sterile neutrino dark matter, self-interactions, and supernovae

Speaker
Walter Tangarife

17:30-17:45
First Laboratory Bounds on Ultralight Dark Photon Dark Matter from Precision Atomic Spectroscopy

Speaker
Dr Amit Bhoonah

17:45-18:00
Large N Composite Dark Matter through the Magnetic Dipole Interaction

Speaker
Chester Mantel

18:00-18:15 Polarized solitons in higher-spin dark matter

Speaker
Mudit Jain

18:15-18:30 Cosmological Dark Photon Oscillations in Non-Minimal Dark Sectors

Speaker
Mr Xucheng Gan

18:30