

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

DM II

University of Pittsburgh
Pittsburgh, PA 15260

Monday 9 May

16:30

DM II

Session | Location: Lawrence Hall 104 | Conveners: Christina Gao, Christina Gao

16:30-16:45
The Phonon Background from Gamma Rays in Sub-GeV Dark Matter Detectors
Speaker
Mukul Sholapurkar

16:45-17:00 **Looking for ultraheavy dark matter in geological quartz**
Speaker
Anubhav Mathur

17:00-17:15 **Dark Matter Searches with Integrated Optics**
Speaker
Ryan Janish

17:15-17:30 **Inelastic Dipole Dark Matter at FASER**
Speaker
Max Fieg

17:30-17:45
DarkQuest - Searching for light dark matter at Fermilab's proton fixed-target experiment
Speaker
Yongbin Feng

17:45-18:00 **New Directions in Direct Detection: Towards the Mesoscale**
Speaker
Carlos Blanco

18:00-18:15 **Maximizing Direct Detection with HYPER Dark Matter**
Speaker
Robert McGehee

18:15-18:30 **Probing Invisible Vector Meson Decays with NA64 and LDMX**
Speaker
Kevin Zhou

18:30