

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

DM VI

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 10 May

16:30

DM VI

Session | Location: Lawrence Hall 203 | Convener: Debasish Borah

16:30-16:45 Secondary Tau Neutrino Probes of Heavy Dark Matter Decays

Speaker
Jeffrey Hyde

16:45-17:00 The Migdal Effect in the Hydrogen Molecular Ion

Speaker
Ian Harris

17:00-17:15 Measuring the Migdal Effect with Neutrons

Speaker
Duncan Adams

17:15-17:30 Non-perturbative effects in a simplified t-channel dark matter model

Speaker
Kirtimaan Ajaykant Mohan

17:30-17:45 Bound state effects on dark matter coannihilation - pushing the boundaries of t-channel mediator models

Speaker
Jan Heisig

18:00-18:15 Higgsino Dark Matter Theory and its Experimental Probes

Speaker
Benjamin Sheff

18:30