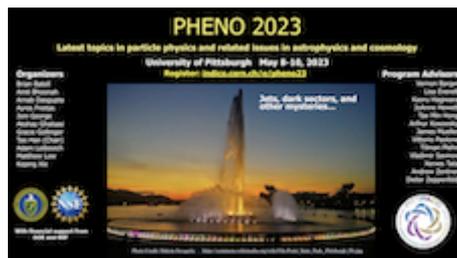


## Session Program

8-10 May 2023



# Phenomenology 2023 Symposium

## *DM III*

University of Pittsburgh  
Pittsburgh, PA 15260

## Tuesday 9 May

16:30

### DM III

**Session** | **Location:** Lawrence Hall 203 | **Convener:** Gopolang Mohlabeng

**16:30-16:45** **Searching for ultralight dark matter using radio telescopes**

**Speaker**

Shuailiang Ge

**16:45-17:00** **Evaporation Barrier for Dark Matter in Celestial Bodies**

**Speaker**

Javier Acevedo

**17:00-17:15** **More Ways to (Be) Cool: Compact Objects from Inelastic Dark Matter**

**Speaker**

Leo Kim

**17:15-17:30** **Dark photon conversion in the presence of multiple level crossings**

**Speaker**

Nirmalya Brahma

**17:30-17:45** **Probing Dark Matter-Neutrino Interactions via Supernova Neutrinos**

**Speaker**

Deepak Sathyan

**17:45-18:00**

**Neutrinos from Dark Matter Annihilation versus the Diffuse Supernova Neutrino Background**

**Speaker**

Dr Sandra Robles

**18:00-18:15** **Visible Signatures of Dark Photon Decays in LDMX**

**Speaker**

Tyler Horoho

**18:15-18:30**

**Stellar Binary Hardening: A Novel Method to Probe Sub-Solar Mass Primordial Black Holes**

**Speaker**

Badal Bhalla

18:30