

## Session Program

8-10 May 2023



# Phenomenology 2023 Symposium

## ***BSM XIV***

University of Pittsburgh  
Pittsburgh, PA 15260

# Tuesday 9 May

14:00

## BSM XIV

**Session** | **Location:** Lawrence Hall 120 | **Convener:** Saarik Kalia

14:00-14:15

**Cosmological challenges for dark sectors with new gauge forces**

**Speaker**

Navin McGinnis

14:15-14:30

**A new picture for scalar boson superpartners, with only second-order gauge couplings and reduced cross-sections**

**Speaker**

Prof. Roland Allen

14:30-14:45

**Probing BSM physics with Solar and Atmospheric Neutrinos in Dark Matter Experiments**

**Speaker**

Mr Tom Schwemberger

14:45-15:00

**Light Neutrinophilic Dark Matter from Scotogenic Model**

**Speaker**

vishnupk Padmanabhan Kovilakam

15:00-15:15

**Inevitable Large non-Gaussianity from Curvaton Models**

**Speaker**

Jacqueline Lodman

15:15-15:30

**To profile or to marginalize - A SMEFT case study**

**Speaker**

Nina Elmer

15:30-15:45

**Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector**

**Speaker**

Margaret Susan Lutz

15:45-16:00

**Title: Baryogenesis in Mirror Twin Higgs**

**Speaker**

Zhihan (Linda) Yuan

16:00