

Session Program

8-10 May 2023



Phenomenology 2023 Symposium

Gravity I

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 9 May

14:00

Gravity I

Session | **Location:** Lawrence Hall 205 | **Convener:** Benjamin Lehmann

14:00–14:15 **Constraining Electromagnetic Signals from Black Holes with Hair**

Speaker
Nicole Crumpler

14:15–14:30 **Relativistic Signatures of Flux Eruption Events Near Black Holes**

Speaker
Zack Gelles

14:30–14:45 **Spinor Bose Einstein Condensates : From Cosmos to Laboratory**

Speaker
Mudit Jain

14:45–15:00 **Freezing-In Gravitational Waves**

Speaker
Jan Schütte-Engel

15:00–15:15

The Primordial Black Holes that Disappeared: Connections to Dark Matter and MHz-GHz Gravitational Waves

Speaker
Thomas Gehrman

15:15–15:30

Planck Constraints and Gravitational Wave Forecasts for Primordial Black Hole Dark Matter Seeded by Multifield Inflation

Speaker
Sarah Geller

15:30–15:45 **Going Underground or Listening to the Sky?**

Speaker
Anupam Ray

15:45–16:00

Detecting Dark Compact Objects in Gaia DR4: A Data Analysis Pipeline for Transient Astrometric Lensing Searches

Speakers
I-Kai Chen, Marius Kongsore

16:00