

## Session Program

24-26 May 2021



## Phenomenology 2021 Symposium

### *Cosmology V*

University of Pittsburgh  
Pittsburgh, PA 15260

# Wednesday 26 May

14:00

## Cosmology V

### Session

14:00–14:15

### Black Hole Production of Monopoles the Early Universe

#### Speaker

Saurav Das

14:15–14:30

### Dark matter and dark radiation from primordial black holes

#### Speaker

Jeremy Auffinger

14:30–14:45

### Precision Calculation of Dark Radiation from Spinning Primordial Black Holes and Early Matter Dominated Eras

#### Speaker

Barmak Shams Es Haghi

14:45–15:00

### Signals of primordial black holes at gravitational wave interferometers

#### Speaker

Ethan Villarama

15:00–15:15

### Dark Black Holes in the Mass Gap

#### Speaker

Lillian Santos-Olmsted

15:15–15:30

### Phenomenology of magnetic black holes with electroweak-symmetric coronas

#### Speaker

Mrunal Korwar

15:30–15:45

### The Price of Curiosity: Information Recovery in de Sitter Space

#### Speaker

Lars Aalsma

15:45–16:00

### Hot Qubits on the Horizon

#### Speaker

Gregory Kaplanek

16:00