

## Session Program

24-26 May 2021



## Phenomenology 2021 Symposium

### *Cosmology IV*

University of Pittsburgh  
Pittsburgh, PA 15260

# Tuesday 25 May

16:30

## Cosmology IV

### Session

16:30–16:45

### Gravitational Waves as a Big Bang Thermometer

#### Speaker

Jan Schuette-Engel

16:45–17:00

### Precision gravitational wave spin observables from EFT

#### Speaker

Brian Alan Pardo

17:00–17:15

### Gravitational waves from first-order phase transition during inflation

#### Speaker

Haipeng An

17:15–17:30

### Gravitational Wave Backgrounds from Low Scale Inflation

#### Speaker

Simran Nerval

17:30–17:45

### DarkFlux: a new dark matter phenomenology tool

#### Speaker

Linda Carpenter

17:45–18:00

### Can we observe the QCD phase transition-generated gravitational waves through pulsar timing arrays?

#### Speaker

Tina Kahniashvili

18:00–18:15

### First result on cosmological first-order phase transitions with LIGO-Virgo's three observing run data

#### Speaker

Huaike Guo

18:15–18:30

### Gravitational waves with astrometric data

#### Speaker

Deyan Mihaylov

18:30