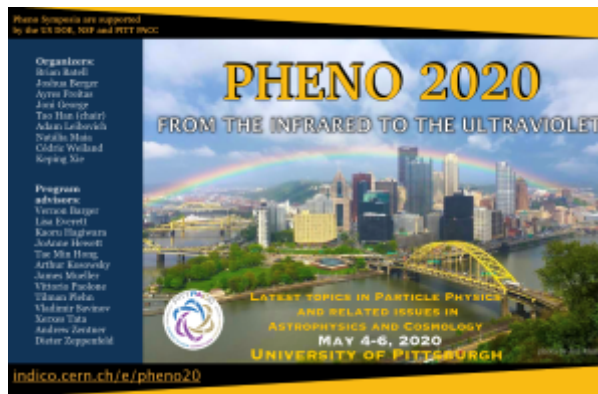


## Session Program

4-6 May 2020



## Phenomenology 2020 Symposium

### *Cosmology I*

University of Pittsburgh  
Pittsburgh, PA 15260

# Monday 4 May

14:15

## Cosmology I

Session | Convener: Arthur Kosowsky

14:15–14:30

### The Gravitational Waves from the Early-Universe Turbulent Sources

**Speaker**

Tina Kakhniashvili

14:30–14:45

### Gravitational Waves from Cosmological Phase Transitions in an Expanding Universe

**Speaker**

Huaike Guo

14:45–15:00

### A wrinkle in spacetime: searching for gravitational wave signatures of multiple hidden sectors.

**Speaker**

Mr Paul Archer-Smith

15:00–15:15

### Spin Effects in Non-relativistic General Relativity Beyond the Leading Order

**Speaker**

Mr Brian Pardo

15:15–15:30

### Phase Transitions as Cosmological Witnesses

**Speaker**

Dan Vagie

15:30–15:45

### Signatures of complex scalar field with chemical potential in primordial non-gaussianities

**Speaker**

Ms Arushi Bodas

15:45–16:00

### Thermal Loop Effects on Large-Scale Curvature Perturbation in the Higgs Inflation

**Speaker**

Mr Po-Wen Chang

16:00