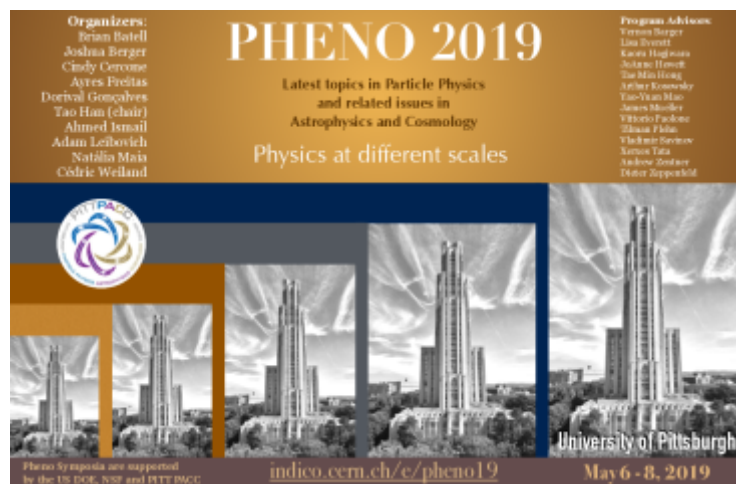


## Session Program

6-8 May 2019



## Phenomenology 2019 Symposium

### *Plenary*

University of Pittsburgh  
Pittsburgh, PA 15260

Monday 6 May

08:40

Plenary: I

Session | Location: Lawrence Hall, 120 | Convener: Sara Lynn Dawson

08:40-08:45 Welcome

Speaker  
Prof. Arthur Kosowsky

08:45-09:20 The Higgs, gauge bosons, and top quark at LHC

Speaker  
Andrei Gritsan

09:20-09:55 Searches for New Physics at the LHC

Speaker  
Verena Ingrid Martinez Outschoorn

09:55-10:30 SM physics at the LHC

Speaker  
Doreen Wackerroth

10:30

11:00

Plenary: II

Session | Location: Lawrence Hall, 120 | Convener: Kaladi Babu

11:00-11:35 COHERENT experiment and its implications

Speaker  
Kate Scholberg

11:35-12:10 Theories of neutrinos and leptons

Speaker  
Prof. Stephen F King

12:10-12:45 Searches for long-lived particles

Speaker  
David Curtin

12:45

## Tuesday 7 May

08:45

### Plenary: III

**Session** | **Location:** Lawrence Hall, 120 | **Convener:** Fred Olness

08:45–09:20

#### Flavour anomalies and other highlights from B-physics

##### Speaker

Nicola Serra

09:20–09:55

#### Flavor physics in the new era

##### Speaker

Jure Zupan

09:55–10:30

#### Novel approaches for dark matter searches

##### Speaker

Tongyan Lin

10:30

11:00

### Plenary: IV

**Session** | **Location:** Lawrence Hall, 120 | **Convener:** Thomas Rizzo

11:00–11:35

#### Cosmology in the new era

##### Speaker

scott dodelson

11:35–12:10

#### Multi-messenger cosmology

##### Speaker

Dr Marissa Walker

12:10–12:45

#### Quantum Science and Technology for HEP

##### Speaker

Panagiotis Spentzouris

12:45

## Wednesday 8 May

08:30

### Plenary: V

**Session** | **Location:** Lawrence Hall, 120 | **Convener:** Irina Mocioiu

08:30–08:45

#### APS Journals: PRL & PRD

##### Speaker

Joshua Sayre

08:45–09:20

#### Direct Searches for Light WIMP Dark Matter

##### Speaker

Henry Wong

09:20–09:55

#### BSM physics with neutrino facilities

##### Speaker

Roni Harnik

09:55–10:30

#### Deep learning (and deep thinking) in collider physics

##### Speaker

Jesse Thaler

10:30

11:00

### Plenary: VI

**Session** | **Location:** Lawrence Hall, 120 | **Convener:** Keith Dienes

11:00–11:35

#### Physics with Gaia

##### Speaker

Prof. David Hogg

11:35–12:10

#### Recent Development in String Phenomenology

##### Speaker

Gary Shiu

12:10–12:45

#### Physics at future colliders

##### Speaker

Michelangelo Mangano

12:45