

Session Program

7-9 May 2018



Phenomenology 2018 Symposium

Plenary

University of Pittsburgh
Pittsburgh, PA 15260

Monday 7 May

08:40

Plenary: I

Session | Location: Alumni Hall, 7th Floor Auditorium | Convener: Marc Sher

08:40-08:45 Welcome

Speaker
Adam Leibovich

08:45-09:20 SM and Higgs Physics at LHC

Speaker
Ben Nachman

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

Speaker
Robin Erbacher

09:55-10:30 Recent Developments in Perturbative QCD

Speakers
Charalampos Anastasiou, Charalampos Anastasiou

10:30

11:00

Plenary: II

Session | Location: Alumni Hall, 7th Floor Auditorium | Convener: Prof. Oscar Eboli

11:00-11:35 Physics Beyond the Standard Model

Speaker
Tim Cohen

11:35-12:10 News from IceCube

Speakers
Francis Halzen, Francis Halzen

12:10-12:45 Astro-particle Physics in the New Era

Speaker
John Beacom

12:45

Tuesday 8 May

08:45

Plenary: III

Session | **Location:** Alumni Hall, 7th Floor Auditorium | **Convener:** Susanne Westhoff

08:45–09:20

Gravitational Waves: the New Window to the Universe

Speakers

Chad Hanna, Chad Hanna

09:20–09:55

Mapping Spacetime Across Many Scales with Gravitational Waves

Speaker

Scott Hughes

09:55–10:30

Physics at the LHCb

Speakers

Hassan Jawahery, Hassan Jawahery

10:30

11:00

Plenary: IV

Session | **Location:** Alumni Hall, 7th Floor Auditorium | **Convener:** Jen-Chieh Peng

11:00–11:35

New Physics with Heavy Flavors

Speaker

Sebastian Jaeger

11:35–12:10

Neutrino Physics Experiments: the Present and Future

Speakers

Elizabeth Turner Worcester, Elizabeth Worcester

12:10–12:45

New Physics with Neutrinos

Speaker

Marco Drewes

12:45

Wednesday 9 May

08:45

Plenary: V

Session | **Location:** Alumni Hall, 7th Floor Auditorium | **Convener:** Thomas Weiler

08:45–09:20

News from Dark Matter Direct Searches

Speaker

Rafael Lang

09:20–09:55

Dark Matter: Theory and Practice

Speaker

Tomer Volansky

09:55–10:30

Cosmology in the New Era

Speaker

Tesla Jeltema

10:30

11:00

Plenary: VI

Session | **Location:** Alumni Hall, 7th Floor Auditorium | **Convener:** Hooman Davoudiasl

11:00–11:35

The Standard Model and Particle Physics

Speaker

Mikhail Shaposhnikov

11:35–12:10

Physics at Future Hadron Colliders

Speaker

Lian-Tao Wang

12:10–12:45

Physics at Future Lepton Colliders

Speaker

Michael Peskin

12:45