

Session Program

19-21 May 2025



Phenomenology 2025 Symposium

Plenary

University of Pittsburgh

Monday 19 May

08:40

Plenary: Monday Early

Session | Location: David Lawrence Hall 121, University of Pittsburgh, University of Pittsburgh

08:40–08:45 Welcome

Speaker
Andrew Zentner

08:45–09:20 Recent Results from DESI and Precision Cosmology

Speaker
Hee-Jong Seo

09:20–09:55 Physics with Deep Underground Dark Matter Detectors

Speaker
Jianglai Liu

09:55–10:30 Phenomenological Cosmology

Speaker
Tanvi Karwal

10:30

11:00

Plenary: Monday Late

Session | Location: David Lawrence Hall 121, University of Pittsburgh

11:00–11:35 Selected Results from LHCb

Speaker
Dr Michael Kent Wilkinson

11:35–12:10 Heavy Flavor Physics

Speaker
Michele Papucci

12:10–12:45 Deep Learning in Particle Physics

Speaker
Dr Claudius Krause

12:45

Tuesday 20 May

08:40

Plenary: Tuesday Early

Session | **Location:** David Lawrence Hall 121, University of Pittsburgh

08:40–08:45

APS and Physical Review Journals

Speaker

Josh Sayre

08:45–09:20

Recent LHC Results

Speaker

Philip Chang

09:20–09:55

HL-LHC and Future Perspectives

Speaker

Alessandro Tricoli

09:55–10:30

BSM Higgs Physics

Speaker

Prof. Shinya KANEMURA

10:30

11:00

Plenary: Tuesday Late

Session | **Location:** David Lawrence Hall 121, University of Pittsburgh

11:00–11:35

Physics at IceCube

Speaker

Francis Halzen

11:35–12:10

Gravitational Waves and the Early Universe

Speaker

Soubhik Kumar

12:10–12:45

New Technologies in Probing Dark Sectors

Speaker

Asher Berlin

12:45

Wednesday 21 May

08:45

Plenary: Wednesday Early

Session | Location: David Lawrence Hall 121, University of Pittsburgh

08:45–09:20 Recent Results in Neutrino Physics

Speaker
Dr Jessie Micallef

09:20–09:55 Theories of Neutrino Masses

Speaker
Alejandro Ibarra

09:55–10:30 Noninvertible Symmetry in Particle Physics

Speaker
Ho Tat Lam

10:30

11:00

Plenary: Wednesday Late

Session | Location: David Lawrence Hall 121, University of Pittsburgh

11:00–11:35 Physics at the EIC

Speaker
Joanne Hewett

11:35–12:10 Physics at Future Colliders: Higgs and Beyond

Speaker
Samuel Homiller

12:10–12:45 Discovery Opportunities in High Energy Physics

Speaker
R. Sekhar Chivukula

12:45