

Monday 8 May

08:40

Plenary: Monday Early

Session | **Location:** Lawrence Hall 121, University of Pittsburgh | **Convener:** Prof. Graham Kribs

08:45–09:20 **SM physics at the LHC**

Speaker

Prof. Mario Campanelli

Location

Lawrence Hall 121

09:20–09:55 **Searches for new physics at the LHC**

Speaker

Prof. Tova Holmes

Location

Lawrence Hall 121, University of Pittsburgh

09:55–10:30 **Bread & butter physics at the LHC**

Speaker

C.-P. Yuan

Location

Lawrence Hall 121, University of Pittsburgh

10:30

11:00

Plenary: Monday Late

Session | **Location:** Lawrence Hall 121, University of Pittsburgh | **Convener:** Prof. Konstantin Matchev

11:00–11:35 **Theories of neutrino masses**

Speaker

Prof. Kaladi S. Babu

11:35–12:10 **Experimental status of neutrino physics**

Speaker

Prof. David Caratelli

12:10–12:45 **Machine learning for particle physics**

Speaker

Prof. Ramon Winterhalder

12:45

Tuesday 9 May

08:40

Plenary: Tuesday Early

Session | **Location:** Lawrence Hall 121 | **Convener:** Prof. Ciaran Williams

08:40–08:45 **Physical Review Journals**

Speaker
Dr Josh Sayre

08:45–09:20 **Perspectives on flavor physics**

Speaker
Prof. George W.-S. Hou

09:20–09:55 **Physics results from LHCb**

Speaker
Conor Henderson

09:55–10:30 **Beyond-the-Standard Model theories**

Speaker
Prof. Paddy Fox

10:30

11:00

Plenary: Tuesday Late

Session | **Location:** Lawrence Hall | **Convener:** Prof. Scott Watson

11:00–11:35 **Astrophysical probes for BSM new physics**

Speaker
Rebecca Leane

11:35–12:10 **Unraveling Dark Matter with Gaia**

Speaker
Prof. Lina Necib

12:10–12:45 **Particle cosmology**

Speaker
Prof. Andrew Long

12:45

Wednesday 10 May

08:45

Plenary: Wednesday Early

Session | **Location:** Lawrence Hall | **Convener:** Tinatin Kakhniashvili

08:45–09:20 **Early discoveries with JWST**

Speaker

Prof. Wren Suess

09:20–09:55 **Progress and prospects in dark matter direct detection**

Speaker

Prof. Carmen Carmona

09:55–10:30 **New approaches on dark matter detection**

Speaker

Prof. Tien-Tien Yu

10:30

11:00

Plenary: Wednesday Late

Session | **Location:** Lawrence Hall 121 | **Convener:** Marc Sher

11:00–11:35 **Generalized symmetry in particle physics**

Speaker

Prof. Clay Cordova

11:35–12:10 **Weak gravity conjecture and particle physics**

Speaker

Prof. Ben Heidenreich

12:10–12:45 **Visions in particle physics**

Speaker

Joel Butler

12:45