

Session Program

11-13 May 2026



Phenomenology 2026 Symposium

Flavor Physics

University of Pittsburgh

Monday 11 May

14:15

Flavor Physics: BSM

Session | **Location:** David Lawrence Hall 203, University of Pittsburgh

14:15–14:30 **Flavor physics at the EIC with b-jet tagging**

Speaker

Shaouly Bar-Shalom

14:30–14:45 **Hunting for New Physics with Tau Decays**

Speaker

Sohini Pal

14:45–15:00 **Light ALPs and Lepton Flavor Violation in Muonic Atoms**

Speaker

Dr Girish Kumar

15:00–15:15 **Matter Unification and Lepton Flavor Violation**

Speaker

Hridoy Debnath

15:15–15:30

Exploring Right-Handed Neutrinos as Probes of New Physics in Semileptonic $\bar{B} \rightarrow \bar{B}^* \ell \ell$ Decays

Speaker

Kumar Pandey

15:30–15:45 **Searches for Exotic Heavy Resonances with the ATLAS detector**

Speaker

Saad Mohiuddin

15:45–16:00 **Quantum Tomography of Neutral Mesons in Flavor Space**

Speaker

Arthur Wu

16:00

Tuesday 12 May

16:30

Flavor Physics: Recent Developments

Session | **Location:** David Lawrence Hall 205, University of Pittsburgh

16:30–16:45 **Parity solution to the strong CP problem in Pati-Salam models**

Speaker

Kaladi Babu

16:45–17:00 **MaRTIn and four-loop operator mixing**

Speaker

Joachim Brod

17:00–17:15

Portals to new SU(3) exotics: the lepton-gluon and lepton-quark portals

Speaker

Linda Carpenter

17:15–17:30

Searches for vector-like fermions and leptoquarks with the ATLAS detector

Speaker

Tomoya Iizawa

17:30–17:45 **One Sum To Rule Them All**

Speaker

Margarita Gavrilova

17:45–18:00 **Production of B_c states in the Pythia parton shower.**

Speaker

Jake Pfaller

18:00–18:15 **Protecting baryon number violating operators**

Speaker

Diana Sokhashvili

18:15–18:30 **Exotic Hidden-Heavy Hadrons and Where to Find Them**

Speaker

Eric Braaten

18:30