

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

BSM IV

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 10 May

16:30

BSM IV

Session | **Location:** Lawrence Hall 105 | **Convener:** Wei Xue

16:30-16:45

BSM interpretations of B-Physics and muon (g-2) anomalies

Speaker

AMARJIT Soni

16:45-17:00

Probing B-Anomalies via Dimuon Tails at a Future Collider

Speaker

Sandra Kvedaraite

17:00-17:15

Probing BSM Physics in $B \rightarrow D^{*+} \ell \bar{\nu}$ Using Monte Carlo Simulation

Speaker

Mr Quinn Campagna

17:15-17:30

New physics signature in the decays of B-meson to missing particles

Speaker

Rusa Mandal

17:30-17:45

Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector

Speaker

Mason Proffitt

17:45-18:00

Searches for rare top quark production and decay processes with the ATLAS experiment

Speaker

Jiri Hejbal

18:00-18:15

Searches for supersymmetry in hadronic final states with the CMS experiment

Speaker

Vinay Hegde

18:15-18:30

Search for heavy BSM particles coupling to third generation quarks at CMS

Speaker

Ia Iashvili

18:30