

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

BSM III

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 10 May

14:00

BSM III

Session | **Location:** Lawrence Hall 105 | **Convener:** Walter Tangarife

14:00-14:15

Quantum analysis of the minimal realistic SO(10) model

Speaker

Katerina Jarkovska

14:15-14:30

Composite quarks and leptons with low-scale SO(10) unification

Speaker

Benoit Assi

14:30-14:45

Observable proton decay in Flipped SU(5)

Speaker

Ms Maria Mehmood

14:45-15:00

Semisimple extensions of the Standard Model

Speaker

Joseph Tooby-Smith

15:00-15:15

Learning the composition of Ultra-High Energy Cosmic Rays

Speaker

Michele Tamaro

15:15-15:30

Simulation and Indirect Detection of Dark Glueball Showers

Speaker

Caleb Gemmell

15:30-15:45

Simple, Interpretable Anomaly Detectors

Speaker

Layne Bradshaw

15:45-16:00

FCNC in Concurrent Dark Photon & Dark Z Models

Speaker

Lopamudra Mukherjee

16:00