

Session Program

24-26 May 2021



Phenomenology 2021 Symposium

BSM III

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 25 May

14:00

BSM III

Session | **Convener:** Richard Ruiz

14:00–14:15

Searches for new phenomena in leptonic or hadronic final states using the ATLAS detector

Speaker

Avik Roy

14:15–14:30

Searches for vector-like quarks at CMS

Speaker

Francesco Fabozzi

14:30–14:45

The anomalous $Zb\bar{b}$ couplings: From LEP to LHC

Speaker

Dr Bin Yan

14:45–15:00

Single Vector-Like quark production via chromo-magnetic moment at the LHC

Speaker

Xing Wang

15:00–15:15

Scalar Leptoquark Pair Production at Hadron Colliders

Speaker

Christoph Borschensky

15:15–15:30

Searches for new physics in events with leptons in the final state in CMS

Speaker

Jie Xiao

15:30–15:45

Searches for leptoquarks with the ATLAS detector

Speaker

Andre Sopczak

15:45–16:00

$\geq 4\mu$ signal from a vector-like lepton decaying to a muon-philic Z' boson at the LHC

Speaker

Dr Junichiro Kawamura

16:00