

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

Higgs II

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 10 May

14:00

Higgs II

Session | **Location:** Lawrence Hall 207 | **Convener:** Irene Zoi

14:00–14:15

Higgs Precision at a 125 GeV Muon Collider

Speaker

Zhen Liu

14:15–14:30

Constraining anomalous Higgs boson couplings to virtual photons.

Speaker

Jeffrey Davis

14:30–14:45

High precision Higgs physics at high energy muon colliders

Speaker

Matthew Forslund

14:45–15:00

Higgs to two spin-zero particles with a 4b final state in vector boson fusion plus a photon

Speaker

Mr Stephen Roche

15:00–15:15

Probing the nature of electroweak symmetry breaking with Higgs boson pair-production at ATLAS

Speaker

Iza Veliscek

15:15–15:30

Searches for additional Higgs bosons in ATLAS

Speaker

Luis Pascual Dominguez

15:30–15:45

Measurements of the CP structure of Higgs-boson couplings with the ATLAS detector

Speaker

Christian Grefe

15:45–16:00

Higgs Differential and STXS cross-sections in CMS

Speaker

Roberto Seidita

16:00