

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

Tools II

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 10 May

14:00

Tools II

Session | **Location:** Lawrence Hall 203 | **Convener:** Yiming Zhong

14:00–14:15

Classifying Anomalies THrough Outer Density Estimation

Speaker

Anna Hallin

14:15–14:30

I - Machine-Learning quantum entanglement with top quark pair production at the LHC

Speaker

Zhongtian Dong

14:30–14:45

II - Machine-Learning quantum entanglement with top quark pair production at the LHC

Speaker

Alberto Navarro

14:45–15:00

MADderHAT: Weighting the Model-Agnostic Dark Halo Analysis Tool

Speaker

Mr Zachary Carter

15:00–15:15

Machine learning the Higgs-top CP Measurement

Speaker

Rahool Kumar Barman

15:15–15:30

Jet SIFT-ing: A Scale Invariant Jet Clustering Algorithm for the Substructure Era

Speaker

Prof. Joel Walker

15:30–15:45

Jet tagging with deep sets of subjects

Speaker

Mr Dimitrios Athanasakos

16:00