Session Program

24–26 May 2021

Phenomenology 2021 Symposium

Tools II

University of Pittsburgh
Pittsburgh, PA 15260

Monday 24 May

16:30

Tools II
Session | **Convener:** Daneng Yang

16:30–16:45

Criteria for projected discovery and exclusion sensitivities of counting experiments

Speaker

Stephen Martin

16:45–17:00

Analysis of Bayesian estimates for missing higher orders in perturbative calculations

Speaker

Dr Aleksas Mazeliauskas

17:00–17:15

Triggering on electrons and photons in CMS in Phase2 and its physics implications

Speaker

Ms Swagata Mukherjee

17:15–17:30

Study of energy deposition patterns in hadron calorimeter for prompt and displaced jets using convolutional neural network

Speaker

Ms Rhitaja Sengupta

17:30–17:45   **A $W^\pm$ polarization analyzer from Deep Neural Networks**

Speaker

Taegyun Kim

17:45–18:00   **Effective collider data analysis with ADL and CutLang**

Speaker

Sezen Sekmen

18:00–18:15   **Constraining new physics with SModelS v2.0: long-lived particles**

Speaker

Dr Jan Heisig

18:15–18:30   **Tuning Pythia for Forward Physics at the LHC**

Speaker

Max Fieg

18:30–18:45   **Artificial Event Variables for Collider Analyses**

Speaker

Prasanth Shyamsundar

18:45