Session Program

8–10 May 2017

Phenomenology 2017 Symposium

Novel Techniques & Tools

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 9 May

16:30

Novel Techniques & Tools
Session | **Location:** Benedum Hall, G-26

16:30–16:45 Optimal Invariant Mass Variables for SUSY-like Missing Energy Events

Speakers
Prof. Konstantin Matchev, Prof. Konstantin Matchev, Konstantin Matchev

16:45–17:00
Detecting kinematic boundary surfaces in phase space and particle mass measurements

Speaker
Ms Dipsikha Debnath

17:00–17:15
Particle Mass Measurements from Extreme Event Reconstruction and Focus Points

Speaker
Prasanth Shyamsundar

17:15–17:30 Better LHC measurements through information geometry

Speaker
Mr Johann Brehmer

17:30–17:45 How to optimize Higgs Measurements using Information Geometry

Speakers
Dr Felix Kling, Felix Kling

17:45–18:00
A new scale-invariant jet clustering algorithm for the substructure era

Speaker
Joel Wesley Walker

18:00–18:15 GAMBIT: The Global and Modular BSM Inference Tool

Speaker
Tomas Gonzalo

18:15–18:30 PyR@TE2: new developments

Speaker
Dr Florian Lyonnet

18:30