

Session Program

29-31 Jan 2020

HEPP2020

Session II

University of Venda
Senate Chamber P/Bag X 5050 Thohoyandou, 0950

Wednesday 29 January

13:30

Session II

Session | **Location:** University of Venda, Senate Chamber P/Bag X 5050 Thohoyandou, 0950 | **Convener:** James Michael Keaveney

13:30–13:45

Fluctuating Open Heavy Flavour Energy Loss in a Strongly Coupled Plasma with Observables from RHIC and the LHC

Speakers

Mr Blessed Ngwenya, William Horowitz

13:45–14:00

A step-by-step analysis of the Equilibration of Hadron matter from the microscopic model

Speaker

Mr Thendo Emmanuel Nemakhavhani

14:00–14:20

Computation of the effective potential in the gauge-Higgs unification models

Speaker

Alan Stanley Cornell

14:20–14:35

Searches for a ubiquitous $U(1)$ pseudo-scalar at future lepton colliders

Speaker

Ms Lara Mason

14:35–14:50

Measuring the tWZ process with full Run-II ATLAS data

Speaker

Benjamin William Warren

14:50–15:20

Tea/Coffee

15:20–15:35

Top Tagging Using Spatial Distribution of Subjects

Speaker

Ms Danielle Wilson

15:35–15:50

Constraining Stealth SUSY with illuminated fat jets at the LHC

Speaker

Marvin Flores

15:50–16:05

Dark Matter Search using Semi-visible jets

Speaker

Sukanya Sinha

16:05–16:20

Electrons in Dense environment in ATLAS

Speaker

Lawrence Davou Christopher

16:20-16:40

Implications of the anomalous production of leptons at the LHC

Speaker

Bruce Mellado Garcia

16:40-16:55

The anomalous production of multi-leptons and its impact on the measurement of Wh production at the LHC

Speaker

Yesenia Hernandez Jimenez

16:55-17:10

An exploration of the anomalous $t\bar{t}V$ rate at the LHC

Speaker

Stefan von Buddenbrock

17:30