

## **Session Program**

**30 January 2019 to 1 February 2019**

## **HEPP Workshop 2019**

### ***Session II***

Nelson Mandela University, Room 0017  
Nelson Mandela University Room 0017 Ground Floor Building 127 Science Building South Campus  
Summerstrand

# Wednesday 30 January

14:00

## Session II: Session II

**Session** |

**Location:** Nelson Mandela University, Room 0017, Nelson Mandela University Room 0017 Ground Floor Building 127 Science Building South Campus Summerstrand

14:00–14:20

### Bottomonia Suppression in Heavy-Ion Collisions from AdS/CFT

**Speaker**

Nadia Barnard

14:20–14:40

### Measurement of heavy-flavours as a function of charged-particle multiplicity with ALICE at the LHC

**Speaker**

Ms Sibaliso Mhlanga

14:40–15:00

### Measurement of heavy-flavour production via leptonic decays in proton-proton collisions at LHC energies with ALICE.

**Speaker**

Christine Marie Monteverdi

15:00–15:20

### Strangeness production in different colliding systems measured with the ALICE experiment

**Speaker**

Silvia Delsanto

15:20–15:50

### Tea/Coffee

15:50–16:20

### Multi-lepton anomalies at the LHC and new physics at the EW scale

**Speakers**

Bruce Mellado Garcia, Stefan von Buddenbrock

16:20–16:40

### Phenomenology of new scalar boson productions in the e-p collider: Challenges and Prospects

**Speaker**

Dr Mukesh Kumar

16:40–17:00

### The Explanation of the Muon $g - 2$ Anomaly using the Madala Hypothesis

**Speaker**

Danielle Dorinda Sabatta

17:15