

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