

## **Monday 7 April**

16:00

## Beyond the Standard Model: 1 Session | Location: Seminar West (A0.015W)

16:00-16:15 Search for new physics in all-hadronic \$t\bar{t}t\bar{t}\$ using ML

Speaker

Shahzad Sanjrani

16:15-16:30 First-Order Quantum Corrections to Fifth Forces

Speaker

Michael Udemba

16:30-16:45 The QSHS Haloscope, Axion Dark Matter, and Cavity Tuning

**Speaker** 

Mr Claude Mostyn

16:45-17:00

Searches for rare decays of B mesons into final states including four or six muons at LHCb

Speaker

Thomas Long

17:00-17:15 Search for long-lived particles with the ATLAS muon spectrometer

Speaker

Paul Jones

17:15-17:30 The supersymmetric landscape after Run 2 ATLAS searches

Speaker

Ben Hodkinson

17:30-17:45

Trigger-Level Analysis searches for dijet resonances produced in association with initial-state photons with Run 3 ATLAS data at the LHC

Speaker

Maximilian Amerl

17:45-18:00 Search for displaced dimuons using Run 3 Data Scouting at CMS

Speaker

Prijith Pradeep

18:00

## **Tuesday 8 April**

13:30

## **Beyond the Standard Model: 2**

**Session** | **Location:** Seminar West (A0.015W)

13:30-13:45

Development of a Retro-reflection Platform for the MAGIS and AION Experiments Towards Kilometre-scale Atom Interferometry

Speaker

**Andrew Carroll** 

13:45-14:00

Preliminary results from the proANUBIS demonstrator with 104 fb-1 of Run 3 LHC data

Speaker

Anna Jane Mullin

14:00-14:15

Search for low-mass resonances decaying into two photons in a range between 66 GeV and 110 GeV with the ATLAS detector

Speaker

Cheng Jiang

14:15-14:30

A search for heavy neutral and charged BSM Higgs bosons in the bbWW final state at the ATLAS detector

Speaker

Rachel Ashby Pickering

14:30-14:45

Anomaly Detection techniques for New Physics searches at the ATLAS experiment

Speaker

Jennifer Curran

14:45-15:00

A new international effort to measure the neutron electric dipole moment

Speaker

W. Clark Griffith

15:00