



INTERNATIONAL PARTICLE PHYSICS MASTERCLASS

Friday 8th March 2019

Schedule

From 9.30 Arrival and welcome in Bridge Study Room (2nd floor, Poynting Building)

Free tea/coffee/juice available

10.30 - 11.45 Talks in Bridge Study Room (2nd floor, Poynting Building)

Talk 1 Introduction to Particle Physics & Accelerators (Prof David Evans)
Talk 2 The LHCb experiment at the Large Hadron Collider (Dr Phil Ilten)

11.45 - 13.30 Computing activity in Room P09 (Ground floor, Poynting Building)

Measure the lifetime of incredibly short-lived particles using real data from the LHCb experiment – an opportunity to use computer software to gain insights into detector technology and research techniques.

13.30 - 14.10 LUNCH in the Bridge Study Room (2nd floor, Poynting Building)

Lunch is available to purchase on campus or students can bring a packed lunch.

14.10 - 14.25 Discussion on the Physics Measurements in the Bridge Study Room

Announcement of results from the morning's computer activities.

14.25 - 14.55 Small Group Discussions in the Bridge Study Room

Break up into small discussion groups, led by a particle physics researcher.

15.00 - 16.00 Live link to CERN in Nuffield G13 (ground floor, Nuffield Building)

Discussion with physicists at CERN and other schools.

16:00 Departures