

Title: Introduction to Statistics

Lecturer: Dr Glen Cowan

Date and Times:

- 30th July at 10:15
- 31st July at 11:15
- 1st August at 9:15
- 1st August at 10:15

Summary of the proposed talk:

The four lectures will present an introduction to statistical methods as used in High Energy Physics. As the time will be very limited, the course will seek mainly to define the important issues and to introduce the most wide used tools. Topics will include the interpretation and use of probability, estimation of parameters and testing of hypotheses.

Prerequisite knowledge and references:

Prerequisite knowledge is standard university level mathematics.

Biography-

Brief CV:

1981 -- B.S. in Physics from University of California, Los Angeles

1988 -- Ph.D in Physics from University of California, Berkeley

1988–1998 -- Research on electron-positron annihilation with the ALEPH Collaboration (properties of hadronic Z decays, QCD) with MPI Munich and University of Siegen.

1998-present -- Reader in Particle Physics at Royal Holloway, University of London. Research with the BaBar and ATLAS experiments.