



## Statistics for Particle Physicists

04/06/2021

17,544

views

The growing complexity of the particle physics analyses has made a good understanding of complex statistical tools an essential part of the education of a particle physicist. This series of lectures will present the basis of statistics, current analysis tools and will discuss the most relevant statistical techniques used in particle physics analysis.

Event details ([Indico](#))



Add



Like



Share

### ABOUT THE SPEAKER



#### Glen Cowan

Royal Holloway, University of London

PhD in Physics 1988 from University of California, Berkeley, with thesis on  $\pi/K/p$  production in  $e^+e^-$  collisions with the TPC/two-gamma experiment at PEP.

1988-1998, postdoc on ALEPH Experiment (CERN) with Max Planck Institute for Physics, Munich and University of Siegen, Germany. Research on QCD (multijet production, measurements of  $\alpha_s$ , properties of hadronic Z decays).

1998-present, faculty member in Department of Physics, Royal Holloway, University of London. 1998-2007, research on BaBar experiment (tau physics,  $b \rightarrow s \gamma$ ); 2001-present, member of Particle Data Group (reviews on Statistics); 2004-present, research on ATLAS experiment (development of statistical methods, Higgs physics), 2017-present, Scientific Coordinator of INSIGHTS ITN.

> CERN

### GENERAL INFO

> Careers

> Visits

> Privacy policy

> Copyright and terms of use

### ACADEMIC TRAINING COMMITTEE

> About us

> Contact us

> Indico

### FOLLOW US

