

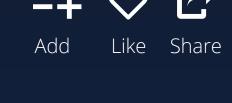
Statistics for Particle Physicists

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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)



ABOUT THE SPEAKER



Glen CowanRoyal 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

1998-present, faculty member in

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).

Department of Physics, Royal Holloway,

University of London. 1998-2007, research on BaBar experiment (tau physics, b -> 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.

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