Contribution ID: **18**   Type: **not specified**

Estimation and fitting

Tuesday, 20 October 2009 09:00 (1h 30m)

Introduction to estimation. Properties of chi-2, Maximum Likelihood estimators. Measuring and interpreting Goodness-Of-Fit. Numerical stability issues in fitting. Mitigating fit stability problems. Bounding fit parameters. Fit validation studies. Maximum Likelihood bias issues at low statistics. Toy Monte Carlo techniques. Designing and understanding Joint fits. Designing and understanding Multi-dimensional fits.

Presenter: Dr VERKERKE, Wouter (Nikhef)