

Professor Roger Barlow

- PhD Cambridge
- Particle Physics on TASSO, JADE, OPAL, BaBar, LHCb
- Professor at Manchester, Huddersfield
- Founder of Cockcroft Institute, ThorEA Organisation
- 2023 IoP Lise Meitner Prize for contributions to physics outreach and education, including founding in 1997 of Particle Physics Masterclasses



Blind Analysis
Pioneered by E791 and then BABAR

"It was easy - I just got a block of marble and chipped away anything that didn't look like David."



Michaelangelo Buonarroti(attrib.)
Maybe good way of creating sculpture - but very bad way of doing physics




Statistics

A Guide to the Use of Statistical Methods in the Physical Sciences

R. J. Barlow



Computer Physics Communications
Volume 77, Issue 2, October 1993, Pages 219-228



Fitting using finite Monte Carlo samples


Roger Barlow , Christine Beeston



Nuclear Instruments and Methods in Physics
Research Section A: Accelerators, Spectrometers,
Detectors and Associated Equipment
Volume 1082, Part 1, February 2026, 170857

Full Length Article

Asymmetric errors

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