

PDF Uncertainties: an old debate

- I. Experimental errors
- II. 'Theory errors'

Experimental errors

Many options on treatment of experimental errors when fitting data sets to extract PDFs

- Uncorrelated errors
- Correlated errors
- Propagation of errors
- χ^2 definitions and cuts
- Criterium to eliminate data sets

→ The main topic of this technical session :
late afternoon and tomorrow morning

Theory errors

- Input parameterisation
- Assumption on light quarks
- Treatment of Heavy Quarks
- Corrections to DGLAP and resummation
- Non-DGLAP effects at Low x
- NLO vs NNLO
- ...

→ No time to develop these many interesting questions at this workshop : only a short session tomorrow late morning.