

DESY Seminar

Tuesday, 16.09.2008, **17.20h (!)**

DESY Hörsaal

Progress in Parton Distribution Functions

James Stirling
(Durham)

In this talk I will describe recent progress in the determination of the parton distribution functions (PDFs) of the proton. After arguing why an accurate knowledge of PDFs is important, particularly for LHC physics, I will discuss the recent work of groups producing PDFs from global fits, and highlight some of the issues. Some examples of how PDFs will be used at the LHC will be given.

- **Tea and cookies will be served at 16.45h in the lobby**
- **After the seminar there is a chance for private discussions with the speaker over wine and pretzels**