

DESY Seminar

20 June 2006, 17:00, DESY Hörsaal

Fritz-Herbert Heinsius (Universität Freiburg)

Recent Spin Physics Results from the COMPASS Experiment

The COMPASS experiment at CERN investigates the spin structure of the nucleon by scattering longitudinal polarised 160 GeV/c muons off a polarised ^6LiD target.

The talk will concentrate on the most important measurements: The determination of the polarisation of the gluons in the nucleon, the measurement of the transverse spin distributions in the nucleon and the study of processes which are related to the angular momentum of the quarks. New results from the first three years of COMPASS data taking will be presented.

- Tea and cookies will be served at 16:45 in the lobby.
- After the seminar there is a chance for private discussions with the speaker over wine and pretzels also in the lobby.