

Automated report generation in LaTeX for experimental data

We are seeking a motivated summer student to join the P25 beamline team at PETRA III. The selected student will develop a software tool in Python that automates the generation of experimental reports in LaTeX after data processing. The software tool integrates with the beamline's data processing workflow, enabling efficient documentation of results with figures, tables, and text summaries.

This project is an excellent opportunity to gain hands-on experience in scientific computing, data processing, and report automation in a cutting-edge and diverse research environment.

Experience in Python is required and familiarity with LaTeX would be beneficial.

Group

FS-PETRA-S

Project Category

B1. Physics data analysis and performance (software-oriented)

Special Qualifications

Experience in Python is required and familiarity with LaTeX would be beneficial.

DESY Site

Hamburg

Primary authors: Dr SAMADI, Nazanin (DESY); SPIERS, Kathryn (FS-PETRA-S (FS-PET-S Fachgruppe P25)); WILLE, Hans-Christian (FS-PETRA-S (PETRA-S))

Presenter: Dr SAMADI, Nazanin (DESY)