



EXPERIMENT COMPUTING.

DESY, Hamburg location, is seeking: Scientist (f/m) beamline P22

DESY

DESY is one of the world's leading research centres for photon science, particle and astroparticle physics as well as accelerator physics.

With the storage ring PETRA III and the Free-Electron-Laser FLASH, DESY offers a unique combination of photon sources to the scientific community. PETRA III, one of the most brilliant hard X-ray facilities world wide, currently provides 17 undulator beamlines for experiments utilizing the extreme source brilliance. For the extension of the PETRA III facility, DESY is seeking a scientist to develop and implement instrument control, data acquisition and evaluation software for photoelectron spectroscopy techniques using hard X-ray excitation ("HAXPES", 3-15 keV) at the new undulator beamline P22.

The position

- Development of a user-friendly software application layer for experiment control
- Participation in the commissioning of a new HAXPES undulator beamline
- Participation in technical developments at the beamline and collaborative projects with external groups
- Work in a team oriented environment together with international experts in the fields

Requirements

- University degree in computer science, physics or a related discipline
- Excellent knowledge in object-oriented software development and proven programming skills in C++ and Python
- Experience with X-ray methods using synchrotron radiation
- Knowledge of solid state spectroscopy techniques beneficial
- Experimental skills and interest in instrumentation development
- Ability to work as part of a multidisciplinary team

For further information please contact Dr. Christoph Schlueter +49-40-8998-5068 or Dr. Wolfgang Drube +49-40-8998-2674.

The position is limited to 3 years.

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. Handicapped persons will be given preference to other equally qualified applicants. DESY operates flexible work schemes. DESY is an equal opportunity, affirmative action employer and encourages applications from women. Vacant positions at DESY are in general open to part-time-work. During each application procedure DESY will assess whether the post can be filled with part-time employees. There is a bilingual kindergarten on the DESY site.

We are looking forward to your application quoting the reference code preferably via our electronic application System: Online-Application

Deutsches Elektronen-Synchrotron DESY

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Deadline for applications: 9 October 2017

www.desy.de