



ONLINE DATA PROCESSING.

DESY, Hamburg location, is seeking: Senior Scientist (f/m) at FELs

DESY

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

The Centre for Free-Electron Laser Science (CFEL) is designed to significantly advance science with next generation light sources and to join forces to explore structural changes of atoms, molecules, condensed, biological, or warm dense matter on femtosecond time scales. The CFEL Coherent Imaging Division is seeking expertise in developing innovative software solutions for online analysis. These solutions are to be applied for experiments with high data volume and high data rate at FELs.

The position

- Research and development in the field of serial crystallography and coherent diffractive imaging using free-electron lasers (FEL) and synchrotron sources
- Crystallographic and diffractive imaging data-processing
- Organization and scientific support of FEL experiments
- Development of novel methods for online data processing at FELs

Requirements

- PhD in Physics or related field
- Postdoctoral work experience for min. 3 years
- Experience in coordination and organization of experiments at FELs and synchrotron sources
- Proven experience and knowledge in the development and application of novel software for experiments with high data volume and high data rate
- Advanced communication skills
- Good team player
- Ability to lead a small group

For further information please contact Prof. Dr. Henry Chapman, +49-40-8998-4155 (henry.chapman@desy.de).

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

Human Resources Department | Code: FSMA111/2017

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Deadline for applications: 19 January 2018

www.desy.de