X-RAY DIFFRACTION.

DESY, Hamburg location, is seeking: Postdoc (f/m) at the "High Resolution Diffraction Beamline P08"

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

DESY looks back on a long tradition in synchrotron radiation experiments in a wide range of applications and has developed into one of the leading centres in this field worldwide. For high-end synchrotron radiation applications, the 3rd generation source PETRA III is available since 2009 as one of the most brilliant X-ray sources worldwide. The "High Resolution Diffraction Beamline P08" at PETRA III is dedicated for highly resolved structure determination of hard and soft condensed matter with options for reflectivity measurements, grazing incidence diffraction and small angle scattering.

The position
- Working in the field of synchrotron based science in the scope of the beamline P08, preferably surface and interface X-ray diffraction on hard-condensed matter
- Development of the instrumental setup at the beamline
- Update of the software for the experimental control
- User support at the beamline

Requirements
- PhD in physics, chemistry or equivalent qualification
- Knowledge in using X-ray scattering and diffraction methods
- Experience with surface diffraction is strongly appreciated
- Experience using synchrotron radiation is a merit
- Experience in programming

For further information please contact Dr. Uta Rütt +49-40-8998-96117 (uta.ruett@desy.de) or Dr. Florian Bertram +49-40-8998-92929 (florian.bertram@desy.de).

The position is limited to 2 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
Human Resources Department | Code: FSP011/2016
Notkestraße 85 | 22607 Hamburg | Germany | Phone: +49 40 8998-3392
Email: recruitment@desy.de
Deadline for applications: 31 January 2017

www.desy.de

The Helmholtz Association is Germany’s largest scientific organisation.
www.helmholtz.de