



PETRA III EXPERIMENTS .

**DESY, Hamburg location, is seeking:
Beamline Scientist (m/f)**

DESY

DESY is one of the world's leading centres for the investigation of the structure of matter. DESY develops, runs and uses accelerators and detectors for photon science and particle 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 centers 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 hard X-ray sources worldwide. The Hard X-ray Micro/Nano-Probe Beamline (P06) at PETRA III is designed for two-dimensional mapping and scanning tomography. It supports microscopy using X-ray fluorescence, absorption spectroscopy and (coherent) diffraction contrast, yielding elemental and structural information from inside the sample.

The position

- Pursuing an own research profile utilising nanobeam based X-ray imaging
- Supporting users at the beamline
- Developing and commissioning of beamline components

Requirements

- PhD in physics, chemistry or equivalent qualification
- Sound working experience at a third generation synchrotron radiation source
- Profound knowledge in x-ray absorption spectroscopy or X-ray diffraction methods
- Experimental and IT-based skills

For further information please contact Hermann Franz, +4940 8998 -4534, hermann.franz@desy.de, or Gerald Falkenberg, +4940 8998 -2933, gerald.falkenberg@desy.de

The position is limited to 3 years

Salary and benefits are commensurate with those of public service organisations in Germany. DESY operates flexible work schemes. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women. There is an bilingual kindergarten on the DESY site.

Please send your application quoting the reference code,
also by E-Mail to:

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: 163/2011

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E-Mail: personal.abteilung@desy.de

Deadline for applications: 16 December 11

www.desy.de