



NANO LAB.

DESY, Hamburg location, is seeking: Scientist (Postdoc) (f/m) Nanotransfer

DESY

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

The DESY Nanolaboratory (DESY NanoLab) is a facility providing access to advanced nano-characterization, nano-structuring and nano-synthesis techniques which are complementary to the advanced X-ray techniques available at DESY's light sources.

The position

- Development, optimization and application of a protocol that permits a transfer of single nano-objects from DESY NanoLab (SEM, AFM, STM) to PETRA III beamlines and repositioning (hard-/software)
- Support of in-house beamtimes at PETRA III
- Support of external users with accepted proposals

Requirements

- Physicist, Chemist or Materials Scientist with PhD or similar qualification and knowledge
- Experience with X-ray experiments
- Experience with synchrotron-based nanofocus X-ray beamlines
- Experience with micro- and nanostructuring and processing of polymers is advantageous
- Experience with operation of scanning-electron (SEM) and scanning-force (AFM) microscopes is advantageous
- Experience with handling (ultra-) high vacuum systems is advantageous
- Relevant work experience
- Mobility in the framework of beamtimes at European large scale research infrastructures
- Knowledge of English language
- Ability to work in a team

For further information please contact Dr. Thomas Keller +49-40-8998-6010.

The position is limited to 31.08.2018.

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. 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 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 or by email recruitment@desy.de

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: EP023/2015

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Deadline for applications: 23 September 2015

www.desy.de