



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

- 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 repositionierung (hard-/software)
- Support of in-house beamtimes at PETRA III
- Support of external users with accepted proposals
- Planning and conducting experiments in the field of catalysis using coherent and focussed X-ray beams

Requirements

- Physicist, Chemist or Materials Scientist with PhD or similar qualification and knowledge
- Experience with synchrotron-based focused X-ray beamlines
- Experience in the field of catalysis
- Experience with micro- and nanostructuring and/or processing of polymers, operation of a scanning-force (AFM) microscope and/or 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, thomas.keller@desy.de

The position is limited initially to 2 years.

Salary and benefits are commensurate with those of public service organizations 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: FSPO004/2018

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Deadline for applications: 10 May 2018

www.desy.de