



P03/MiNaXS BEAMLINE.

DESY, Hamburg location, is seeking: Postdoctoral researcher (f/m) P03/MiNaXS beamline

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 hard X-ray sources 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 P03/MiNaXS beamline is the world-leading facility for combining X-ray micro and nanobeams with small- and wide-angle X-ray scattering with special focus on in-situ and operando investigations of functional and hybrid nanomaterials. We are seeking a highly motivated postdoctoral researcher (f/m) for the P03/MiNaXS team.

The position

- Participation in development of micro- and nanofocusing techniques at P03/MiNaXS
- Development of sample environments for in-situ and operando investigations of functional and nanoparticle coatings, especially vacuum or solution-based deposition
- User support at P03/MiNaXS
- Pursuing a rigorous in-house research programme in the field of thin films and hybrid nanomaterials with special focus on polymer-metal interfaces

Requirements

- PhD in physics or comparable sciences
- Interest in synchrotron beamline developments
- Experience at synchrotron sources is highly desirable
- Experience in surface coating and thin film technologies
- Experience in GISAXS & GIWAXS
- Experience in atomic force microscopy
- Business fluent English

For further information please contact Dr. Stephan V. Roth +49-40-8998-2934.

The position is limited initially 2 years with possible prolongation up to 3 years.

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: FSPO001/2016

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Deadline for applications: 17 February 2016

www.desy.de