

For the continuation of a BMBF supported project for the development, construction and commissioning of the first combined SAXS/SANS instrument worldwide, the Nanomaterials Characterization (Scattering Methods) group of the Institute for Crystallography and Structural Physics (ICSP) at the **Friedrich-Alexander-Universität Erlangen-Nürnberg** is looking for a

Post Doc

starting from first of September 2018 (TVL E13). The position is limited initially to one year. The task of the new Post Doc is to lead the continuation of the successfully running project. The construction of the SAXS instrument at the ICSP in Erlangen shall be finished till the end of 2018. In spring 2019 the instrument is intended to be shipped to the Institut Laue Langevin (ILL) in Grenoble. It will be integrated and commissioned there as an option for simultaneous SAXS/SANS experiments at the D22 SANS instrument.

A PhD in physics or a closely related subject is expected as well as sound knowledge in the area of X-ray and neutron scattering and the ability for unassisted management of a large and widely interdisciplinary project. The willingness to work for substantial amounts of time at the FAU in Erlangen, Germany and at the ILL in Grenoble, France, respectively, is expected. The work requires profound knowledge in X-ray and neutron scattering, instrumentation, apparatus engineering, and programming (Python, C++, Linux).

We provide the opportunity to implement a unique project at the world's most prestigious large scale facility for research with neutrons, the ILL in Grenoble, in close cooperation between the ICSP and the ILL. A subsequent follow-up project is currently planned and will most probably be proposed at the end of 2018.

Please submit your application to

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