



PhD Position in Atomistic Simulations of Crystal Defects

The Institute for General Materials Properties of the Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) in collaboration with the Max-Planck-Institute for Iron Research and the RWTH Aachen is seeking outstanding candidates for the [Collaborative Research Center SFB 1394](#), Structural and Chemical Atomic Complexity: From Defect Phase Diagrams to Material Properties.

The successful candidate will hold a Master's degree in Physics, Materials Science, Chemistry or a related field and have experience in performing numerical simulations, preferably using Molecular Dynamics. In addition, a solid background in physical metallurgy, thermodynamics and mechanical behavior of materials as well as programming skills are highly desirable. Excellent oral and written communication skills and the ability to work well in a dynamic and collaborative research environment are essential.

The position is full-time, and payment follows the German TV-L 13 scale. The starting date is as soon as possible. The FAU Erlangen-Nürnberg intends to increase the number of women in research and teaching positions and, therefore, strongly encourages female researchers to apply. Disabled applicants will be preferentially considered in case of equivalent qualification.

Please send your application (including a cover letter describing your research interests, curriculum vitae, transcript of records as well as contact information of two references) to comp-mat-sci-jobs@ww.uni-erlangen.de.