PhD position in DFG-Research Training Group 2339 *"Interfaces, Complex Structures, and Singular Limits in Continuum Mechanics"*

The Research Training Group "Interfaces, Complex Structures, and Singular Limits in Continuum Mechanics" (DFG-Graduiertenkolleg 2339) announces the opening of 1 Doctorate position (75 %, TV-L 13) at the Department of Mathematics of Friedrich-Alexander-Universität Erlangen-Nürnberg. The PhD project offers the possibility to work on topics related to the mathematical modelling, analysis, and numerical simulation of reactive flow and transport in porous media with applications to geosciences. A main focus of the project is the derivation and analysis of effective models via upscaling techniques and the study of them in the context of application-oriented scenarios.

The doctoral programme offers a structured course programme in partial differential equations, calculus of variations, numerical analysis, scientific computing, mathematical modeling, and professional skills. Doctoral researchers of the Research Training Group benefit from numerous possibilities of scientific exchange both on the national and on the international level. Compatibility of family and work is promoted at the Friedrich-Alexander-University Erlangen-Nürnberg. Female candidates are particularly encouraged to apply. Equal opportunity is an essential element of our personnel policy. Applications from handicapped or equated applicants are welcome.

Applicants are asked to submit a CV, copies of certificates of academic qualifications held, a study track record, a copy of a degree thesis, and a statement of the scientific interests. Applications should be sent electronically to nadja.ray@fau.de and guenther.gruen@fau.de. The deadline for the applications is June 30th, 2024. However, later applications might be considered until the position is filled.

Application Deadline: June30th, 2024

Type of Contract: temporary, part-time, 30 hours per week

Offer Starting Date: 15 Jul 2024

Where to apply

nadja.ray@fau.de