



Open PhD Position

At the Junior Research Group on *Computational Micromechanics and Material Design* at the University of Stuttgart, Institute of Applied Mechanics, Chair of Material Theory, a

PhD position

is to be filled as soon as possible. The position is funded by the German Research Foundation (DFG) in the framework of the Cluster of Excellence on *Simulation Technology* and initially limited to the duration of three years (salary according to E 13 TV-L).

The research work is concerned with computer-oriented methods of continuum mechanics of active materials. It focusses on the development of coupled continuum models at large deformations and their numerical implementation into the Finite Element Method and computational homogenization schemes.

The applicant should be a team player and have excellent communication and organizational skills. A master or diploma degree in engineering, mathematics, physics, or related areas will be preferred. A strong background in continuum mechanics, the Finite Element Method, and programming is necessary.

Please send your application with the usual documents (motivation letter, CV, certificates, letter of recommendation) preferably via e-mail to

marc-andre.keip@mechbau.uni-stuttgart.de

or via paper mail to

Jun.-Prof. Dr.-Ing. M.-A. Keip
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Closing date for applications is November 7th, 2014.

The University of Stuttgart strives to increase the percentage of women in the science sector. Severely disabled persons with equal qualifications will be considered preferentially within the framework of legal requirements.