



The University of Stuttgart with its 27,000 students and 7,000 employees is one of the leading European Research Universities with a main focus on engineering and natural sciences. The University of Stuttgart is committed to excellent basic and applied research and interdisciplinary academic education.



In the framework of the Excellence Initiative of the German state and federal governments, the Faculty of Civil and Environmental Engineering (Faculty 2) and the Stuttgart Research Centre for Simulation Technology (SRC SimTech) are asking for applications for the

## W3 Professorship on Computational Continuum Mechanics

at the Institute of Applied Mechanics in the lead up to / prior to the retirement of the current Chair.

Candidates for this professorship are expected to have an excellent record in the fields of continuum mechanics and of simulation technologies. Research should focus on multi-field and multi-physics problems and their computational aspects, preferably on modelling porous media and advanced numerical methods for massively parallel computing.

The successful candidate should strengthen the activities of the Faculty of Civil and Environmental Engineering in the area of Computational Mechanics and work closely with the Stuttgart Research Centre for Simulation Technology (SRC SimTech). Collaboration with research initiatives such as the International Research Training Group "Nonlinearities und Upscaling in Porous Media" (NUPUS) is also expected.

The position involves teaching the fundamentals of engineering mechanics and, in particular, aspects of non-linear continuum mechanics and multi-field problems in study courses offered by the faculty as well as in cooperation with other faculties.

The requirements for employment listed in § 47 and § 50 Baden-Württemberg university law apply.

Applications should be sent as soon as possible but not later than **November 30<sup>th</sup>, 2014**, to the Dean's Office of the Faculty for Environmental and Civil Engineering, University of Stuttgart, Pfaffenwaldring 7, D-70569 Stuttgart, dekanat@f02.uni-stuttgart.de, either by electronic or by regular mail (in this case, including a data carrier containing pdf versions of the documents). Applications should include the usual documents (CV, degree certificates, references, publication list, five selected off-prints). For further information, please contact the Dean of the Faculty, Prof. Dr.-Ing. Ulrike Kuhlmann, the deputy Executive Director of the SRC Simtech, Prof. Dr. Thomas Ertl, or the Dean's Office (Tel. +49 (0)711 685-60076).

The University of Stuttgart has established a Dual Career Service to offer assistance to partners of those moving to Stuttgart.

For more Information please visit the webpage under:  
<http://www.uni-stuttgart.de/dual-career/index.en.html>