



The University of Stuttgart with its 20.000 students and 7.000 employees is one of the leading European research universities with a main focus on engineering and natural sciences. It is committed to excellent basic and applied research and academic education.

The Stuttgart Research Centre for Simulation Technology (SRC SimTech) and the Cluster of Excellence EXC 310 Simulation Technology is asking for a professorial position associated with the Research Area D Numerical and Computational Mathematics:

Full Professorship (W3 chaired) on Modelling of Uncertain Systems

at the Institute of Applied Analysis and Numerical Simulation (Faculty 8).

The applicant is expected to have an excellent expertise on numerical simulation in connection with stochastic and high-dimensional modelling. Furthermore a strong link to applications in continuum mechanics, quantum chemistry, or molecular dynamics is highly desirable. Of special interest would be the quantification of uncertainty, sensitivity analysis, and numerical algorithms including learning theory. Synergetic effects from the interface between numerical analysis and statistical estimation are expected.

Besides research and teaching within the framework of the Cluster of Excellence and in mathematics, the professorship participates in the basic training of undergraduate students in natural sciences and in engineering. The professor is expected to contribute to undergraduate and graduate teaching in the degree programmes of Simulation Technology.

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

Applications with the usual documents should be sent to the Coordinator of the Cluster of Excellence in Simulation Technology, Prof. Dr.-Ing. Wolfgang Ehlers, Institute of Applied Mechanics (CE), Pfaffenwaldring 7, 70569 Stuttgart, Germany, to arrive no later than **April 21, 2011**.

The University of Stuttgart has established a Dual Career Program to offer assistance to partners of those moving to Stuttgart. For more information please visit the web-page under: www.uni-stuttgart.de/dual-career/