



Thinking the Future.

**Juniorprofessor (W1)
in Numerical Reservoir Engineering**
Faculty of Georesources and Materials Engineering

We are seeking qualified applicants for teaching and research in the area of Numerical Reservoir Engineering. The starting date is as soon as possible. Recognized expertise in the following areas is particularly welcome: reservoir engineering, modeling and computational method development. The professor is expected to support the study programs "Applied Geosciences", "Applied Geophysics" and "Georesources Management", offering courses in high-performance computing and computational methods in geosciences. The position is integrated in the graduate school AICES and should contribute to its graduate training programs. One or more of the following research topics should be represented: uncertainty quantification in the analysis of geological reservoirs and optimal experimental design (OED); applications in the exploitation or storage of hydrocarbons, geothermal energy, climate-relevant trace gases and subsurface storage; optimization of exploration and operation of reservoirs based on inverse modelling.

You should have a completed university degree and a special aptitude for scientific work which is generally verified by means of an outstanding doctorate. Ability in and commitment to teaching are essential. German is not necessary to begin but will be expected as a teaching language within the first 5 years. However, teaching in the international master programs will be primarily in English. You will engage in initiating interdisciplinary collaborations and projects of geoscientists and engineers. This is a tenure track position. Tenure is subject to evaluation.

The application should include supporting documents regarding success in teaching.

Please send a cover letter stating research aims and a CV to: An den Dekan der Fakultät 5 der RWTH Aachen, Univ.-Prof. Dr. rer. nat. Ralf Littke, 52056 Aachen. The deadline for applications is June 24, 2013.

This position is also available as part-time employment per request. RWTH Aachen University is certified as a family-friendly university and offers a dual career program for partner hiring. We particularly welcome and encourage applications from women, disabled people and ethnic minority groups, recognizing they are underrepresented across RWTH Aachen University. The principles of fair and open competition apply and appointments will be made on merit.