

We offer a position for a

Postdoctoral scientist

at the Institute of Applied Geosciences, Division of Geothermal Research.

The position is immediately available. The employment contract is limited to 3 years with a possible extension of time. The salary is based upon the salary frame agreement for the Public Service sector (TV-L).

The Division of Geothermal Research at KIT (<http://www.agw.kit.edu/251.php>) works on reservoir-engineering and exploration in geothermal development. The projects are often conducted within an international context and expand from the local Upper Rhine Graben to South America. The development of numerical models for the simulation of coupled thermal-hydraulic-mechanical-chemical processes with computational fluid dynamics (CFD) are a key focus of the working group.

We are looking for an enthusiastic Postdoc to join our research team for the numerical development of CFD simulations and their application to research topics in the field of geothermal reservoir engineering. In addition to the research activities, the tasks include the independent elaboration of research proposals, the supervision of students and the participation in teaching as well as in the general organizational tasks of the division.

We offer the opportunity to shape a highly topical subject of geosciences and to be part of an internationally recognized scientific team. The position offers the possibility for further scientific qualification, such as habilitation.

The ideal candidate should hold a doctoral degree, preferably in the field of numerical process modelling, computational fluid dynamics, geophysics, or applied mathematics, and should be interested in geoscientific research questions. We expect experience in scientific writing and interest in contributing to our international team. Knowledge of the German language or willingness for acquiring it (in spoken and written form) is indispensable.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified.

Applications should contain a letter of application, a standard CV, a list of your publications and a description of your research interests (English, max. 1 page). Please send your application to **Karlsruhe Institute of Technology (KIT) – Campus South, Prof. Dr. Thomas Kohl, Institute of Applied Geosciences, Division of Geothermal Research, Adenauerring 20B, 76131 Karlsruhe, Germany** or via email to silke.schlichting@kit.edu.

For general details, please contact Silke Schlichting, Tel.: +49 721 6084 5222. Specialized information can be provided by Prof. Dr. Thomas Kohl, Tel.: 0721/608-45220, and Dr. Max Peters, Tel.: 0721/608- 43329.

KIT – The Research University in the Helmholtz Association.