

The Institute of Geology, Mineralogy and Geophysics at the Ruhr-University, Bochum, Germany, invites applications for a

## **POSTDOC POSITION - STRUCTURAL GEOLOGY AND NUMERICAL MODELLING**

The project related to the position is part of the Collaborative Research Centre SFB 526 - *Rheology of the Earth* and aims at deriving rock properties from forward modelling of mesoscopic geologic structures such as folded quartz veins. To achieve this goal, innovative numerical modelling techniques will be applied. The models will be based on a comprehensive structural and microstructural data set that has been obtained from naturally deformed rocks during previous SFB 526 projects.

Applicants must have doctoral or Phd degree in geosciences. Good knowledge of tectonics and structural geology as well as proficiency in English is required. Preferable is basic knowledge of the finite-element technique, combined with a keen interest in their application to geologic problems. A high motivation and the willingness to carry out interdisciplinary, collaborative research as an active participant of the SFB 526 are essential preconditions.

Employment will be for a fixed term of 1.5 years (starting January 2009 or later) with possible extension until 30.6.2011. Salary will be according to the German Civil Service salary level TV-L E13.

Applications including a cover letter stating your motivation to apply, Curriculum Vitae, a statement of research interests, and contact information of two referees should be sent to:

Dr. Andrea Hampel  
Institut für Geologie, Mineralogie und Geophysik  
Ruhr-Universität Bochum  
Universitätsstr. 150  
D-44801 Bochum, Germany  
Phone: +49 (0) 234 27718

Applications will be considered until the position is filled. For further information please contact Dr. Andrea Hampel.

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Ruhr-University Bochum is committed to equal opportunity in employment and gender equality in its working environment. Applications from appropriately qualified handicapped persons are also encouraged. Female applicants will be given preferential consideration when their level of qualification, competence and professional achievements equals that of male candidates, unless arguments based on the personal background of a male co-applicant prevail. Applications from appropriately qualified handicapped persons are also encouraged.