



## PhD position in Sedimentology/Sedimentary Petrology

We are inviting applications by geoscientists with a strong interest in sedimentological, petrographic and geochemical methods applied to geodynamic and geomorphologic problems. The PhD topic is embedded in a DFG-funded research project that uses geochemical, petrologic and isotopic proxies from ~25 Ma to Recent sediments to reconstruct differential uplift, exhumation, and erosion of the western flank of the Central Andes between 16 and 22°S. Results will be used to establish a model on geodynamic evolution under changing tectonic and climatic conditions. Methods include geochronology (Ar/Ar, fission-track analysis), heavy mineral analysis, whole-rock and mineral chemistry, and sediment budget calculations. The project requires several months of field work in Southern Peru and Northern Chile.

The successful candidate has a broad geoscientific background (MSc or Diplom degree) with specific expertise in sedimentology, sedimentary petrology, and/or geochemistry. Additional skills such as GIS, Spanish language, or experience with field work in remote areas are desirable. The Geoscience Center Göttingen (GZG) offers a wide range of state-of-the-art analytical facilities and an excellent environment for geological, sedimentological and geochemical research (<http://www.gzg.uni-goettingen.de>). The University of Goettingen is attempting to increase the proportion of women on the scientific staff and strongly encourages qualified women to apply. Disabled candidates with equal qualification will be preferred.

The position should start from August 2007 for a fixed period of three years. Salary is based on the wage agreement of the German civil service (50% TVL-13, prev. BAT IIa). Applicants should send a curriculum vitae, a statement of research interests, list of publications (if applicable) and contact information of at least two potential referees, no later than June 17, 2007, to Prof. Hilmar v. Eynatten, Department of Sedimentology and Environmental Geology, Geoscience Center Goettingen, Goldschmidtstrasse 3, D – 37077 Goettingen, Germany. For further information please contact Hilmar v. Eynatten ([hilmar.von.eynatten@geo.uni-goettingen.de](mailto:hilmar.von.eynatten@geo.uni-goettingen.de), <http://www.sediment.uni-goettingen.de>).