

The following position is funded by the German Research Foundation (DFG) within the framework of the project FO 226/20-1 (http://www.bayceer.uni-bayreuth.de/mm/en/forschung/proj/detail.php?id_obj=69180):

PhD BAT II/E13 (50 %, beginning on August 1, 2009 for a period of 36 months)

to conduct research on the energy exchange between the atmosphere and the land surface, and the structure of the atmospheric boundary layer above a heterogeneous surface. The special focuses of this position are spectral calculations of eddy-covariance fluxes, investigations of the energy balance closure problem, and boundary layer modelling.

The candidate should have a scientific background in meteorology or physics with a focus on micrometeorology, and with good knowledge in programming.

The planned research is a joint activity of the Universities of Bayreuth, Braunschweig and Hannover and the Meteorological Observatory Lindenberg of the German Meteorological Service. All measurements were already carried out during the LITFASS-2003 experiments (BAMS, 87(2006), 775-786 and BLM, 121 (2006) No. 1).

Handicapped persons will be given preference in cases with equal qualification. The University of Bayreuth is dedicated to increasing the proportion of women employed in science.

Applicants should send a curriculum vitae, list of publications, contact addresses of referees, and a statement of research interests within this project to Prof. Thomas Foken, Dept. of Micrometeorology, University of Bayreuth, D-95440 Bayreuth or via email at thomas.foken@uni-bayreuth.de up to **May 15, 2009**.