



Two early career research grants – **NanoSIMS and NMR spectroscopy in soil science**

Lehrstuhl für Bodenkunde, Freising-Weihenstephan, Germany

The Lehrstuhl für Bodenkunde (Freising, Germany) is offering two research grants to early career scientists. The successful candidates get the possibility to work for up to 3 months at the Lehrstuhl für Bodenkunde, employing the nano-scale secondary ion mass spectrometry (NanoSIMS) and/or the nuclear magnetic resonance spectroscopy (NMR).

The grant will cover housing, travel expenses and up to three months of measuring time on the instruments (Cameca NanoSIMS 50 L and Bruker NMR 200 and 400 MHz).

We invite applications of scientists within 5 years after receiving their PhD degree.

We seek candidates who apply these state-of-the-art instruments offside the beaten tracks. Therefore, the focus of the applications can reach from batch experiments with model compounds to complex studies on in-situ soil processes.

The application should consist of a CV, the names of two referees and a short project description (max. 2 pages) with the focus why the application of either NanoSIMS or NMR spectroscopy is crucial for the planned study.

The deadline for submission of the complete application is November 15th, 2011. Decisions are based on the novelty of the proposed study and will be mailed by February 1st, 2012. Please send nominations to nanosims@soil-science.com.

For any questions concerning the application please contact Prof. Ingrid Kögel-Knabner (koegel@wzw.tum.de).