

University of Natural Resources and Applied Life Sciences
Vienna, Austria



Invites to a Call for Expression of Interest of a

Science Chair in

Molecular Modelling and Simulation in Biological Engineering

The University of Natural Resources and Applied Life Sciences (BOKU), Vienna, as a leading centre of excellence in biological engineering is highly interested in expanding expertise in molecular modelling and simulation. Based on the call for WWTF (Vienna Science and Technology Fund) Science Chairs (www.wwtf.at) highly qualified scientists are invited to express their interest for a five years group leader position. BOKU intends to provide a tenure position after positive evaluation.

The main focus of BOKU and its collaboration partners is the technological exploitation of biological systems, in particular in the fields of bioprocess engineering, nanobiotechnology, processing of renewable raw materials and soil research.

In addition to the group leader position post doc, PhD and technician positions will be funded.

The interdisciplinary research of the group shall aim at quantitative predictions of structural, thermodynamic and transport properties for biological engineering. Interest is in bulk phases as well as in interfacial phenomena. New models for bio-macromolecules as well as simulation methods and theories shall be developed. The length and time scale gap shall be bridged in order to treat complex biological engineering problems. There are excellent opportunities to match the modelling to experimental work done in various research groups at BOKU.

Teaching is expected in Molecular Modelling and Simulation with engineering applications.

Informal inquiries about the position can be made to Prof. Martin Wendland, phone +43-(0)1-370 97 26 212 (martin.wendland@boku.ac.at).

Expressions of interest including curriculum vitae (with recent projects and teaching qualifications), list of publications, five selected reprints and a brief statement of research interests are requested and should reach in electronic form the office of

Vice-Rector for Research, Prof. Dr. Martin H. Gerzabek,
Peter-Jordan-Strasse 92, A-1190 Vienna, Austria,
Email: Gerzabek@groupwise.boku.ac.at

not later than 30. April 2008.

In case of comparable quality of application, women as group leaders will be preferred.