



Announcement of an open position at the  
Faculty of Informatics,  
Vienna University of Technology, Austria

## **Full Professor (tenured)** in **Parallel Computing**

The successful candidate will establish her/his own group conducting research and teaching in the area of parallel computing. Research and teaching experiences are expected to include several of the following topics:

- The design, analysis and implementation of efficient (including general purpose) parallel algorithms.
- The design and optimization of effective programming languages, models and methods for parallel programs.
- The design and analysis of parallel and high performance computing systems, such as SMP, cluster, and multi-core systems.
- The development of algorithms and environments for parallel-, cluster- and multi-core computing.
- Integration of parallel computing systems to modern infrastructures such as grids and clouds.
- Programming environments (including tools for semi- or automatic parallelization) for efficient development of parallel programs.

The applicant should have demonstrated her/his ability to apply the above methods in various areas of Computational Science and Engineering such as e-science and simulation.

Applicants are expected to have an outstanding academic record, and experience with research projects as well as in university teaching. Duties include teaching (in English or German) mandatory and elective courses of the informatics curriculum and of the business informatics curriculum. The professor is expected to contribute to the administration of the institute and the faculty. Applicants must meet the following requirements: an Austrian or equivalent foreign doctoral degree, an outstanding academic track record in research and teaching in the field under consideration, pedagogic and didactic skills and leadership abilities. International experience within his/her area of expertise and/or experience in industry are desired.

The Vienna University of Technology is committed to increase female employment in leading scientific positions. Qualified female applicants are explicitly encouraged to apply. Preference will be given when equally qualified. Handicapped persons with appropriate qualifications are also expressly encouraged to apply.

Applications have to include a detailed curriculum vitae, a list of publications, copies of the five most important publications of the applicant related to the position, as well as a positioning statement, describing the applicant's vision on how the field, in research and teaching, should be positioned and further developed within the Faculty of Informatics.

Applications should be sent to the Dean of the Faculty of Informatics (Prof. Dr. Gerald Steinhardt), Getreidemarkt 9/E 180, A-1060 Vienna, Austria. The application package should also be sent in digital form (single pdf on a CD-ROM). For further information, see <http://www.informatik.tuwien.ac.at>

Application Deadline: June 15, 2009.