



Professorship in Applied Quantum Physics

The Faculty of Physics of the Vienna University of Technology (TU Wien) is seeking applications for a Professorship in Applied Quantum Physics. We are looking for an individual who is an internationally recognized leader in the field of building, characterizing, manipulating and applying quantum coherent systems for fundamental and/or applied research. Applicants will be considered from a broad range of quantum physics backgrounds including the areas of solid-state quantum coherent systems, neutrons, photons, atoms/molecules, and hybrid quantum systems.

The Professorship will be located at the Atomic Institute (ATI) of the Vienna University of Technology (www.ati.ac.at). Close collaboration with the existing research groups at the ATI, at the Faculty for Physics as well as with the Functional Matter alliance (funmat.tuwien.ac.at), the Center for Micro- and Nano-Structures (zmns.tuwien.ac.at), and active participation in other existing quantum science related research efforts - such as "Special Research Programs" and "Doctoral Programs" of the FWF (Austrian Science Fund) - at the Vienna University of Technology is expected.

The newly appointed professor should complement and further strengthen the current quantum science at the Atomic Institute of the Vienna University of Technology.

Applicants are expected to have an outstanding academic track record in research and teaching, and have demonstrated leadership skills on an international level. Experience with successful acquisition of major research grants and participation in teaching at the undergraduate and graduate level in accordance with the present curriculum is expected (www.physik.tuwien.ac.at/plan.html).

The appointment will be made either on the tenure-track or tenure level commensurate with previous experience.

The Vienna University of Technology is committed to increasing female employment in leading scientific positions. Qualified female applicants are strongly encouraged to apply and will be given preference when equally qualified. Handicapped persons with appropriate qualifications are strongly encouraged to apply.

Applications written in English should include a detailed curriculum vitae, a list of publications, copies of the applicant's five most outstanding publications and a statement of research interests. Applications should be sent to the Dean of the Faculty of Physics, Vienna University of Technology, Prof. Dr. G. Badurek, Getreidemarkt 9/130, 1060 Vienna, Austria. Copies of the application documents should also be enclosed as a single PDF-file on a CD-ROM. The application deadline is October 31st, 2008.