



Announcement of an open position at  
the Institute for Theoretical Physics, Faculty of Physics,  
Vienna University of Technology

## Professorship in Condensed Matter Theory

The applicant is expected to have outstanding academic credentials and a track record of high international visibility in the field of condensed matter theory. Areas of current interest include wavefunction-based methods and electronic structure, structure and dynamics at surfaces, low-dimensional systems, multi-scale modeling, and soft matter. Synergies with and strengthening of the research portfolio of the institute which includes (among others) attoscience, quantum transport, nonlinear dynamics and complex systems, as well as fundamental interactions are desired. We are looking for candidates who are interested in developing close ties with the university-wide research efforts, in particular the FWF funded special research programs “Vienna Computational Materials Laboratory (VICOM)”, “Functional Oxide Surfaces and Interfaces” (FOXSI), “Next Generation Light Synthesis and Interaction (NEXTLITE)”, and the doctoral colleges “Building Solids for Function (Solids4Fun)” and “Complex Quantum Systems (CoQuS)”. Interest in vigorously developing future research networks in the field of condensed-matter physics is desired. A solid track record in attracting external research funding on the national or international level and in interacting with experimental programs is expected. The successful candidate will carry the full teaching load of mandatory as well as of elective courses of the physics curriculum ([http://studium.tuwien.ac.at/studien/technische-physik/#ces\\_c236](http://studium.tuwien.ac.at/studien/technische-physik/#ces_c236)).

The applicant must meet the following requirements:

- An Austrian or equivalent foreign terminal academic degree in the field under consideration
- An outstanding academic track record in research and teaching
- Pedagogic and didactic skills,
- Leadership abilities
- International work experience in the field of research

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

University professors belong to grade A1 of the Austrian Collective Agreement for University Staff and receive a minimum salary of EUR 66953,60 per year. Any higher salary agreement will be negotiated individually with the successful candidate, commensurate with qualifications and relevant experience.

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

Applications including a detailed curriculum vitae, a list of publications, invited lectures, extramural funding and teaching records, copies of the five most outstanding publications of the applicant, and a research plan should be sent to the Dean of the Faculty of Physics, Vienna University of Technology, Prof. Dr. G. Badurek, Wiedner Hauptstraße 8-10/E-130, 1040 Vienna, Austria. Hardcopy applications must include a CD-ROM or a USB-stick containing the entire file application. Online applications (by a single pdf-file) to [dekphys@tuwien.ac.at](mailto:dekphys@tuwien.ac.at).

Application received prior to the Deadline **May 15, 2015** will receive full consideration. The official German version of this announcement can be found at:

[http://www.tuwien.ac.at/dekanate/dekanatszentrum\\_3/ausschreibungen/](http://www.tuwien.ac.at/dekanate/dekanatszentrum_3/ausschreibungen/)