

The Faculty of Physics at the University of Vienna for a Full Professorship in Computational Quantum Physics

The Faculty of Physics at the University of Vienna invites applications for a

Full Professorship in Computational Quantum Physics

The appointment is a full-time, permanent position under private law.

Applicants must have a university degree appropriate for this position and an excellent record in research and teaching with in-depth pedagogical and didactic qualifications. Applicants are expected to play a leading role at the Faculty of Physics and must have international experience.

The professorship is part of the faculty's two main research fields Mathematical and Computational Physics and Materials Physics. The applicant should be internationally renowned in the field of the development and application of quantum mechanical methods in the theory of condensed matter.

For several years, the research group Computational Materials Science successfully has been developing highly efficient density-functional and post-DFT methods. It is expected that the applicant supports and strengthens these efforts. Furthermore, cooperations with experimental research groups of the faculty are required, also in the framework of the special research project "Nano Structures" and of the national research network "Nano Sciences".

The applicant is expected to teach courses in the theory of condensed matter and computational physics covering the full range of these fields. Participation in the Ph.D. program within the framework of the science project (Wissenschaftskolleg) „Computational Science“ is also required.

Applications should be sent to the dean of the Faculty of Physics at the University of Vienna, Strudlhofgasse 4, 1090 Vienna, Austria, by **December 15, 2005**. They should include a curriculum vitae, a list of publications with copies of the five most relevant publications, a documentation of previous teaching and research activities and an outline of the anticipated research program. The application must also be submitted in electronic form (pdf) to dekanat.physik@univie.ac.at.

The University of Vienna seeks to increase the percentage of female employees, in particular in leading positions and within its scientific staff, and thus explicitly encourages qualified women to apply for the position mentioned above. If equally qualified, preference will be given to female applicants.

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The closing date for applications is December 15, 2005.