

The Faculty of Physics at the University of Vienna invites applications for a Full Professorship in Theory of Quantum Optics and Quantum Information.

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**Full Professorship in  
Theory of Quantum Optics and Quantum Information**

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.

We are seeking highly qualified candidates with outstanding scientific achievements in the field of Theoretical Quantum Optics and Quantum Information including the quantum physics of complex systems, decoherence, quantum computation and quantum communication.

Candidates must be experienced in cooperating with leading national and international institutions. It is highly desirable, to establish also a cooperation with the related groups at the University of Vienna, i.e. "Quantum Nanophysics" (Prof. Arndt) and "Quantum Optics and Foundations of Quantum Physics" (Prof. Zeilinger).

The successful candidate will be expected to teach courses in all areas of theoretical physics.

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](mailto: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.

**Ref.: 5e/2-05**

**The closing date for applications is December 15, 2005.**