



# Call for Applications

## Open PhD Positions



## The Vienna Doctoral Program on Complex Quantum Systems

provides the opportunity for highly gifted students to obtain a broad and interdisciplinary education in modern quantum physics and to prove themselves in cutting edge research. The program is jointly hosted by the University of Vienna and the Vienna University of Technology.

### Research Topics

- Fundamental tests of physics
- Quantum information
- Matter wave interferometry
- Quantum technology on the nanoscale
- Quantum physics in the solid state
- Cold quantum gases & atom chips
- Entanglement of massive particles
- Hybrid quantum systems
- Strongly correlated quantum systems

### Faculty Members

- Markus Arndt, University of Vienna
- Markus Aspelmeyer, University of Vienna
- Caslav Brukner, University of Vienna
- Arno Rauschenbeutel, Vienna University of Technology
- Jörg Schmiedmayer, Vienna University of Technology
- Karl Unterrainer, Vienna University of Technology
- Frank Verstraete, University of Vienna
- Anton Zeilinger, University of Vienna

### Associated Faculty Members

- Reinhold Bertlmann, University of Vienna
- Helmut Rauch, Vienna University of Technology
- Thorsten Schumm, Vienna University of Technology
- Peter Zoller, University of Innsbruck



### Important Dates

Application deadline: January 15, 2011  
Interviews: February 24, 2011  
Final decision: March 15, 2011  
Official start: October 3, 2011

### Contact Details

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