

## Yanting Wang

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### Education

- 06/2001-present **University of Rochester** Rochester, NY  
Ph.D. candidate of Physics, expected summer 2004  
Advisors: Prof. Stephen L. Teitel, Prof. Christoph Dellago
- 09/1999-05/2001 **University of Rochester** Rochester, NY  
M.A. of Physics
- 09/1994-07/1999 **University of Science and Technology of China** Hefei, P.R.China  
Ph.D. of Signal Processing and Nuclear Electronics  
Advisors: Prof. Yongming Zhang, Prof. Yanming Yang
- 09/1990-07/1994 **University of Science and Technology of China** Hefei, P.R.China  
B.E. of Nuclear Electronics

### Research experience

- 09/1999-present **Department of Physics and Astronomy, University of Rochester**
  - Non-equilibrium phase diagram of a driven two dimensional vortex lattice.
  - Melting and equilibrium shape of icosahedral gold nanoparticles.
  - Structural and morphological transitions in gold nanorods.
  - Sixteen-node RedHat Linux cluster construction and administration.
  - Software alignment of detectors for Brookhaven National Lab.
- 09/1993-07/1999 **Department of Modern Physics, University of Science and Technology of China**
  - Digital Particle Image Velocimetry.
  - Measurement of turbulent flame temperature by fine thermocouple.
  - Nuclear Weight Scale Systems.
  - Management Information Systems.

### Teaching experience

- Spring 2002 *Teaching Assistant* **University of Rochester**  
Computational Chemistry and Molecular Simulation
- Spring 1997 *Instructor* **Hefei United University**  
Microcomputer Principle and Applications
- Fall 1995 *Teaching Assistant* **University of Science and Technology of China**  
Series and Differential Equations
- Spring 1995 *Teaching Assistant* **University of Science and Technology of China**  
Probability and Statistics Theory