

# Andrew Mutz

University of California, Santa Barbara  
Department of Computer Science  
Santa Barbara, CA 93106  
Date of Birth: November 21, 1978  
Citizenship: United States

Cell: (323) 472-1983  
Email: [amutz@cs.ucsb.edu](mailto:amutz@cs.ucsb.edu)  
Homepage: <http://www.cs.ucsb.edu/~amutz/>

## Education

B.S. Computer Science, University of California, Santa Barbara, 2001.

College of Creative Studies

Ph.D. Computer Science, University of California, Santa Barbara, *expected* December 2008.

*Committee:* Rich Wolski, Kevin Almeroth, and Subhash Suri.

## Professional Experience

Research Assistant, University of California, Santa Barbara.

2003 to present. Department of Computer Science.

Intern, IBM Research.

June 2004 to September 2004. Physics of Information Group. Yorktown Heights, New York.

Software Engineer, Citrix Online.

June 2000 to September 2002. Santa Barbara, California.

## Research

### *Published Papers*

“Efficient Auction-Based Grid Reservations using Dynamic Programming,” with R. Wolski, To Be Published: Proceedings of the 20th ACM International Conference on Supercomputing (2008).

“Eliciting Honest Value Information in a Batch-Queue Environment,” with R. Wolski and J. Brevik. In: Proceedings of the 8th IEEE/ACM International Conference on Grid Computing, pp. 291-297. (2007)

“VGES: the Next Generation of Virtualized Grid Provisioning,” with Y. Kee, D. Nurmi, G. Singh, C. Kesselman and R. Wolski. In: IEEE/IFIP International Workshop on End-to-end Virtualization and Grid Management. (2007)

*Invited Talks*

“Efficient Auction-Based Grid Reservations using Dynamic Programming” to be delivered at the 20th ACM International Conference on Supercomputing, November, 2008, Austin TX.

“Efficient Auction-Based Grid Reservations using Dynamic Programming” Virtual Grid Application Development Software (VGrADS) Spring Workshop, April 2008.

“Eliciting Honest Value Information in a Batch-Queue Environment” at the 8th IEEE/ACM International Conference on Grid Computing, September 2007, Austin, TX.

“Market-Based Resource Allocation for Computational Grids” Virtual Grid Application Development Software (VGrADS) Spring Workshop, April 2007.

*Served as Referee for the Following Publications*

Parallel Computing

High-Performance Distributed Computing

IEEE Transactions on Parallel and Distributed Systems

ACM Sigmetrics

International Journal of High Performance Computing Applications

Concurrency and Computation: Practice and Experience

HotP2P

**References**

Available upon request.