

## Eric M. Meisner

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### Address

Department of Computer Science  
Rensselaer Polytechnic Institute  
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Troy NY, 12180  
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### Education

- Rensselaer Polytechnic Institute Computer Science Department  
Ph.D. Candidate, Computer Science Robotics  
Expected completion: December, 2008  
Advisor: Professor Volkan Isler & Professor Jeff Trinkle
- University of Rochester, Rochester, NY  
B.S. in Computer Science, May 2003

### Publications

- E. Meisner, V. Isler, J.C. Trinkle **Controller Design for Human-Robot Interaction.** *Autonomous Robots* 2008, vol. 24 num. 2 pages 123-134
- S. Kamath, E. M. Meisner, and V. Isler. **Triangulation Based Multi Target Tracking with Mobile Sensor Networks.** In *Proc. IEEE Int. Conf. on Robotics and Automation, 2007.*. Keyword(s): sensor-networks.
- Thomas Kollar, Jonathan Schmid, Eric Meisner, Micha Elsner, Diana Calarese, Chikita Purav, Chris Brown, Jenine Turner, Dasun Peramunage, Gautam Altekhar, Victoria Sweetser **Mabel: Extending Human Interaction and Robot Design,** *International Joint Conference on Artificial Intelligence proceedings* 2003
- Jonathan Schmid, Thomas Kollar, Eric Meisner, Victoria Sweetser, David Feil-Seifer, Chris Brown, Ben Atwood, Jenine Turner, Diana Calarese, Scott Cragg, Habib Chaudhary, Mike Isman **Mabel: Building a Robot for Human Interaction,** *American Association of Artificial Intelligence Conference proceedings* 2002

### Research And Professional Experience

- **Graduate Research Assistant**  
Spring 2006 - Present  
Robotics and Sensor Networks Laboratory  
Department of Computer Science  
Rensselaer Polytechnic Institute, Troy NY
- **Student Associate**  
Summer 2005  
Engineering and Systems Division  
SRI International  
Menlo Park CA.  
Defense Advanced Research Projects Agency sponsored *Trauma Pod* project.
- **Graduate Research Assistant**  
Spring 2004  
Department of Computer Science  
Algorithmic Robotics Lab  
Rensselaer Polytechnic Institute, Troy NY.

- **Undergraduate Research Assistant**  
January 2002 - July 2003  
Department of Computer Science  
University of Rochester, Rochester NY  
Research and development in mobile robotics and human-robot interaction conducted under the instruction of Professor Christopher M. Brown

## Teaching

- **Teaching Assistant** Spring Semester 2004, Fall Semester 2006  
Introduction to C++ programming  
Department of Computer Science  
Rensselaer Polytechnic Institute, Troy NY  
Twice weekly lab sessions on the basics of programming in C++.
- **Teaching Assistant**, Spring Semester 2004  
Problem Solving in Computer Science  
Department of Computer Science  
Rensselaer Polytechnic Institute, Troy NY Mixed lab and lecture, introduction to concepts in computer science using Scheme and C++.
- **Teaching Assistant**, Fall Semester 2003  
Introduction to Artificial Intelligence  
Department of Computer Science  
Rensselaer Polytechnic Institute, Troy NY.  
Topics including search, game play, knowledge representation, and machine learning.
- **Teaching Assistant**, Spring Semester 2002  
Data Structures and Algorithms  
Department of Computer Science  
University of Rochester, Rochester NY.  
Topics including Java programming, data structures and algorithm analysis. Tasks include grading problem sets and Java programming assignments.
- **Teaching Assistant**, Fall Semester 2000  
Introduction to Computers  
Department of Computer Science Department,  
University of Rochester  
Rochester, NY  
Twice weekly lab sessions in Power point, HTML, UNIX, and EMACS

## Presentations

- Walter Lincoln Hawkins Graduate Research Conference, Troy, NY, March. 2007 *Designing Controllers for Human-Robot Interaction.*
- Ph.D Student Forum, NSF Symposium on Cyber-Enabled Discovery and Innovation, September 6, 2007 *Collaborative Discovery of Behavioral Dynamics for Socially Assistive Human-Robot Interaction*
- Guest Lecture, Intro to Artificial Intelligence RPI, Spring 2008 *Temporal Probability Models*
- New England Manipulation Symposium Brown University 2008, *Controller Design for Human-Robot Interaction*

## Honors

- Rush Rhees scholar, University of Rochester
- First place team, Association for the Advancement of Artificial Intelligence robot host competition 2002.

- First place team, International Joint Conferences on Artificial Intelligence robot host competition 2003.

## Service

- **Web Content Manager** Fall 2007 Spring 2008 RPI Department of Computer Science, Troy NY
- **Organizer and Presenter** Accepted students day, and middle school outreach programs, Landgraf Center for Computer Vision, Graphics, and Robotics 2005-2008
- **Student Member**, Fall 2006 Spring 2007 Graduate Admissions Committee, RPI Department of Computer Science, Troy NY
- **Volunteer**, Summer 2004 New York State Museum, Cultural Education Center. Albany, NY 12230.
- **Volunteer Tutor**, Fall 2000 to 2002 South West Community center, Rochester NY