

Dianna Xu

Assistant Professor, Department of Computer Science
Bryn Mawr College
101 North Merion Ave.
Bryn Mawr, PA 19010

Tel: 610-526-6502
Fax: 610-526-7469
Email: dxu@brynmawr.edu
Homepage: <http://www.cs.brynmawr.edu/~dxu>

PROFESSIONAL INFORMATION

Education

<i>Ph.D. in Computer and Information Science</i>	2002	University of Pennsylvania
<i>M.S.E. in Computer and Information Science</i>	1998	University of Pennsylvania
<i>B.A. in Computer Science, with honor</i>	1996	Smith College

Academic Positions

July 2004 - present	Assistant Professor, Bryn Mawr College
May 2003 - August 2003	Post-Doctoral Researcher, University of Pennsylvania
2002 - 2004	Lecturer, University of Pennsylvania

RECENT PUBLICATIONS

- M. Dimas, M. Siqueira, D. Xu, J. Gallier, L. Nonato and L. Velho (2008). Adaptive Fitting of C^∞ Surfaces to Dense Triangle Meshes. (To appear) *Seventh International Conference on Mathematical Methods for Curves and Surfaces*, June 26 - July 1, 2008, Tønsberg, Norway.
- M. Siqueira, D. Xu and J. Gallier (2008). Construction of C^k Surfaces from Triangular Meshes Using Parametric Pseudo-Manifolds. Technical report MS-CIS-08-14, April 2008, University of Pennsylvania, Philadelphia, PA.
- D. Xu, D. Blank and D. Kumar (2008). Games, Robots, and Robotic Games: Coomplementary Contexts for Introductory Computing Education. *Microsoft Academic Days Conference on Game Development in Computer Science Education*, February 28 - March 3, 2008, Miami, FL.
- M. Siqueira, D. Xu and J. Gallier (2007). A Manifold-based Construction of C^∞ Surfaces from Triangular Meshes. *Tenth SIAM Conference on Geometric Design and Computing*, Nov 4-8, 2007, San Antonio, TX.

AWARDS AND GRANTS

- *Innovative Hardware Design* in the AAI Robot Competition & Exhibition at the 21st National Conference on Artificial Intelligence, 2006, for the design and creation of the aerial robot Bubbles.
- *First place* in the 2nd Annual Indoor Aerial Robot Competition, 2006.

PROFESSIONAL SERVICES

- Reviewer, CCLI Phase-1 proposal panel review (NSF), 2008
- Reviewer, CCLI Phase-1 proposal panel review (NSF), 2007
- Program Committee Member, Workshop on Algorithmic Foundation of Robotics, 2008

COLLABORATIONS

- Recent Collaborators: Betul Atalay (St. Joseph's University), Jean Gallier (University of Pennsylvania), Suneeta Ramaswami (Rutgers University at Camden), Marcelo Siqueira (Universidade Federal de Mato Grosso do Sul)
- Graduate and Post-graduate Advisors: Jean Gallier (University of Pennsylvania), Kostas Daniilidis (University of Pennsylvania)