Alper Üngör

Computer & Information Science & Engineering
University of Florida
Gainesville FL, 32611

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RESEARCH INTERESTS

Design and analysis of algorithms, computational geometry, mesh generation, and scientific computing.

EDUCATION

Ph.D. in Computer Science (with Computational Science and Engineering option) Oct 2002
University of Illinois at Urbana-Champaign (UIUC), IL
Thesis title: Parallel Delaunay Refinement and Space-Time Meshing
Advisors: Prof. Shang-Hua Teng and Prof. Jeff Erickson

M.B.A. Master of Business Administration Jan 1998
Middle East Technical University, Ankara, Turkey
Thesis title: Exchange Rate Forecasting: Box-Jenkins Method vs. Neural Networks
Advisor: Prof. Ali Yazıcı

M.S. in Computer Science Dec 1996
Rensselaer Polytechnic Institute, Troy, NY
Thesis title: An Invariant Based Geometric Hashing Algorithm to Determine the Motion in Live Digitized Video Image Sequences of Human Retinal Angiogram
Advisors: Prof. Badri Roysam and Prof. Mukkai Krishnamoorthy

B.S. in Computer Engineering July 1992
Middle East Technical University, Ankara, Turkey

ACADEMIC HONORS/AWARDS

- NSF CAREER Award (2009)
- David J. Kuck Best Ph.D. Thesis Award, UIUC
- Computational Science and Engineering Fellowship, UIUC
- C.L. Dave and Jane W.S. Liu Award, UIUC
- Excellence in Teaching Award, UIUC
- Best Paper Award (among 360 papers submitted to) ISCIS'03

WORK EXPERIENCE

Assistant Professor Aug 2004 - present
Dept. of Computer & Information Science & Engineering, University of Florida, Gainesville, FL

Visiting Assistant Professor May 2002 - July 2004
Dept. of Computer Science, Duke University, Durham, NC

Research Assistant Sep 1998 - May 2002
Dept. of Computer Science, University of Illinois at Urbana-Champaign, IL

Visiting Researcher May 1999 - Aug 1999
Parallel Comp. Sci. Dept. Sandia National Labs at Albuquerque, NM

Teaching Assistant Jan 1997 - Sep 1998
Dept. of Computer Science, University of Illinois at Urbana-Champaign, IL

Teaching Assistant Aug 1996 - Dec 1996
Dept. of Computer Science, Rensselaer Polytechnic Institute, Troy, NY

Research/Teaching Assistant Aug 1992 - Aug 1995
Computer Eng. Dept., Middle East Technical University, Ankara, Turkey

Systems Analyst (Senior year in college) Aug 1991 - June 1992
Pentasys, Ankara, Turkey

PUBLICATIONS

Journal Articles

1. H. Erten* and A. Üngör,. Quality Triangulations with Locally Optimal Steiner Points, *SIAM Journal of Scientfic Computing*, 31(3): 2103–2130, 2009.
2. A. Üngör. Off-centers: A new type of Steiner points for computing size-optimal guaranteed-quality Delaunay triangulations. *Computational Geometry: Theory and Applications (CGTA)*, 42(2): 109–118, 2009.
3. D. Spielman and S.-H. Teng and A. Üngör. Parallel Delaunay refinement: algorithms and analyses, *Int. J. of Comp. Geometry & Applications (IJCGA)*, (17)1: 1–31 2007.
4. E. Akcali, A. Üngör, and Reha Uzsoy. Short-term capacity allocation problem with tool and setup constraints, *Naval Research Logistics (NRL)*, 52(8): 754–764, 2005.
5. J. Erickson, D. Guoy, J. Sullivan, and A. Üngör. Building space-time meshes over arbitrary spatial domains, *Engineering with Computers (EwC)*. 20(4): 342–353, 2005.
6. D. Eppstein, J. Sullivan and A. Üngör. Tiling space and slabs with acute tetrahedra, *Computational Geometry: Theory and Applications (CGTA)*, (27)3: 237–255, 2004.
7. A. Üngör, A. Sheffer, R.B. Haber and S.-H. Teng. Layer based solutions for constrained space-time meshing, *Applied Numerical Mathematics (APNUM)*. 46(3-4): 425–443, 2003.
8. A. Üngör and A. Sheffer. Pitching tents in space-time: mesh generation for discontinuous Galerkin method, *Int. J. Foundations of Computer Science (IJFCS)*, 13(2): 201–221, 2002, with A. Sheffer.
9. A. Sheffer and A. Üngör. Efficient adaptive meshing of parametric models, *ASME Int. J. of Computing and Information Science in Engineering (IJCISE)*, 1(4): 366–375, 2001.
10. X.-Y. Li, S.-H. Teng and A. Üngör. Biting: advancing front meets sphere packing, *Int. Journal of Numerical Methods in Engineering (IJNME)*, 49:61–81, 2000,
11. X.-Y. Li, S.-H. Teng and A. Üngör. Simultaneous refinement and coarsening for adaptive meshing, *Engineering with Computers (EwC)*, 15:280–291, 1999.

Refereed Conference Proceedings

1. C. Zhao*, H. Erten* and A. Üngör. Mesh Smoothing Algorithms for Complex Geometric Domains, *Proc. of the* 18*th Int. Meshing Roundtable (IMR)*, accepted, 2009.
2. H. Erten* and A. Üngör. Computing Triangulations with No Small No Large Angles, International Symposium on Voronoi Diagrams (ISVD) 2009.
3. A. Saifullah* and A. Üngör. A Simple Algorithm For Triconnectivity of a Multigraph, Computing: The Australasian Theory Symposium (CATS) Wellington, New Zealand, 2009. (also published as a technical report at Washington University, WUCSE-2009-6).
4. H. Erten* and A. Üngör. Computing Acute and Non-obtuse Triangulations, Canadian Conference on Computational Geometry (CCCG) 2007: 205-208.
5. Cem Boyaci, H. Erten* and A. Üngör. Triangulations Loosing Bundles and Weight, Canadian Conference on Computational Geometry (CCCG) 2007: 201-204.
6. H. Erten* and A. Üngör. Triangulations with locally optimal Steiner points, Symposium on Geometry Processing (SGP) 2007: 143-152.
7. R. Jampani* and A. Üngör. Construction of Sparse Well-spaced Point Sets for Quality Tetrahedralizations, *Proc. of the* 16*th Int. Meshing Roundtable (IMR)*, 63–80, 2007.
8. H. Erten* and A. Üngör. On computing meshes with large smallest angles. *Proc. Fall Workshop on Computational Geometry (FWCG)*, Smith College, Northampton MA, Dec 2006.
9. S. Har-Peled and A. Üngör. A time-optimal Delaunay refinement algorithm. *Proc. ACM Symp. on Computational Geometry (SoCG)*, 228–236, Pisa, Italy, Jun 2005.
10. A. Üngör. Quality triangulations made smaller. *Proc. of the European Workshop on Computational Geometry (EWCG)*, 5–9, Eindhoven, Netherlands, March 2005.
11. D. Spielman, S.-H. Teng, and A. Üngör. Time complexity of practical parallel steiner point insertion algorithms, *Proc. of the ACM Symposium on Parallel Algorithms and Architectures (SPAA)*, 267–268, Barcelona, Spain, 2004.
12. D. Spielman, S.-H. Teng, and A. Üngör. Parallel Delaunay refinement with off-centers, *Proc. European Conference on Parallel Processing (EUROPAR)*, 812–819, Pisa, Italy, 2004.
13. A. Üngör. Off-centers: A new type of Steiner points for computing size-optimal guaranteed-quality Delaunay triangulations. *Proc. of Latin American Theoretical Informatics (LATIN)*, Springer LNCS-2976, 152–161, Buenos Aires, Argentina, April 2004.
14. E. Akçalı and A. Üngör. Approximation algorithms for degree-constrained bipartite network flow. *Proc. of Int. Symposium on Computer and Information Sciences (ISCIS)*, Springer LNCS-2869, 162–169, Antalya, Turkey, Nov 2003.
15. H. Edelsbrunner and A. Üngör. Relaxed scheduling in dynamic skin triangulation, *Proc. of the Japan Conf. on Discrete and Computational Geometry (JCDCG)*, Springer LNCS-2866, 135–151, Tokyo, Japan, Dec 2002.
16. J. Erickson, D. Guoy, J. Sullivan, and A. Üngör. Building space-time meshes over arbitrary spatial domains, *Proc. of the* 11*th Int. Meshing Roundtable (IMR)*, 391–402, 2002.
17. D. Spielman, S.-H. Teng, and A. Üngör. Parallel Delaunay refinement: algorithms and analyses, *Proc. of the* 11*th Int. Meshing Roundtable (IMR)*, 205–217, 2002.

18. A. Üngör. Tiling 3D Euclidean space with acute tetrahedra, *Proc. of 13th Canadian Conference on Computational Geometry (CCCG)*, 169–172, Waterloo, ON, Aug 2001.
19. A. Sheffer and A. Üngör. Efficient adaptive meshing of parametric models, *Proc. of the Sixth ACM Symposium on Solid Modeling and Applications (SM)*, 59–70, Ann Arbor, MI, June 2001.
20. H. Edelsbrunner, X.-Y. Li, G. Miller, A. Stathopoulos, D. Talmor, S.-H. Teng, A. Üngör, and N. Walkington. Smoothing cleans up slivers, *Proc. of the ACM Symp. on Theory of Computing (STOC)*, 273–277, Portland, Oregon. May 2000.
21. A. Üngör and A. Sheffer. Tent-pitcher: a meshing algorithm for space-time discontinuous Galerkin methods, *Proc. of the 9th Int. Meshing Roundtable (IMR)*, 111–122, New Orleans, LA, October 2000.
22. A. Üngör. An alignment algorithm for anisotropic meshes with non-uniform flow fields, *Proc. of the 7th Int. Conf. on Num. Grid Generation in Comp. Field Simulations (NUMGRID),* Sep 2000, Whistler, BC, Canada.
23. A. Üngör, A. Sheffer, and R. Haber. Space-time meshes for nonlinear hyperbolic problems satisfying a Nonuniform angle constraint *Proc. of the 7th Int. Conf. on Num. Grid Generation in Comp. Field Simulations (NUMGRID),* 375–384, Sep 2000, Whistler, BC, Canada.
24. A. Sheffer, A. Üngör, R. Haber, S.-H. Teng. Generation of 2D space-time meshes obeying the cone constraint, *Advances in Computational Sciences & Engineering. (resived papers from Int. Conf. Comp. Eng. & Sci.),* ed. by S.N. Atluri and F.W. Burst, Tech Science, 1360–1365, Los Angeles, CA, Aug 2000.
25. X.-Y. Li, S.-H. Teng, and A. Üngör. Point placement for meshless methods using sphere packing and advancing front methods. *Advances in Computational Sciences & Engineering. (resived papers from Int. Conf. Comp. Eng. & Sci.),* ed. by S.N. Atluri and F.W. Burst, Tech Science, 1348–1353, Los Angeles, CA, Aug 2000.
26. X.-Y. Li, S.-H. Teng, and A. Üngör. Biting spheres in 3D, *In Proc. of the 8th Int. Meshing Roundtable (IMR)*, 85–97, Lake Tahoe, CA, Oct 1999.
27. X.-Y. Li, S.-H. Teng, and A. Üngör. Biting ellipsoid to generate anisotropic mesh, *In Proc. of the 8th Int. Meshing Roundtable (IMR)*, 97–108, Lake Tahoe, CA, Oct 1999.
28. X.-Y. Li, S.-H. Teng, and A. Üngör. Simultaneous refinement and coarsening: adaptive meshing with moving boundary, *In Proc. of the 7th Int. Meshing Roundtable (IMR)*, 201-210, Dearborn, MI, Oct 1998.

Journal Papers in Submission/Preparation

1. C. Zhao*, H. Erten* and A. Üngör. Mesh Smoothing Algorithms for Complex Geometric Domains, *Communications in Numerical Methods in Engineering.*
2. H. Erten* and A. Üngör. Computing Triangulations with No Small No Large Angles, *Applied Numerical Mathematics (APNUM).*
3. C.Boyaci*, H. Erten* and A. Üngör. Triangulations Loosing Bundles and Weight, *Information Processing Letters.*
4. A. Saifullah* and A. Üngör. A Simple Algorithm For Triconnectivity of a Multigraph, *Information Processing Letters.*

5. R. Jampani*, A. Üngör and C. Zhao*. Construction of Sparse Well-spaced Point Sets for Quality Tetrahedralizations, *Engineering with Computers.*
6. S. Har-Peled and A. Üngör. A time-optimal Delaunay refinement algorithm. *SIAM Journal of Computing.*

TALKS (Conference/Invited)

1. Premium Quality Triangulations. Departamento de Ciencias de la Computacin, Universidad de Chile, July 2009.
2. Software for computing acute and non-obtuse triangulations of complex geometric domains. European Conference on Numerical Mathematics and Advanced Applications (ENUMATH), Uppsala, Sweden. July 2009.
3. Computing Triangulations with No Small No Large Angles, International Symposium on Voronoi Diagrams (ISVD), Copenhagen, Denmark, June 2009.
4. Premium Quality Triangulations. Computational Science and Engineering, University of Illinois Urbana-Champaign, May 2009.
5. On the integration of mesh refinement and smoothing. Workshop on mesh quality measurement and improvement. *SIAM Conference on Computational Science and Engineering,* Miami, FL, March 2009.
6. Short Course on Theoretical Foundations of Mesh Generation. *International Meshing Roundtable,* Pittsburgh October 2008.
7. Computing Acute and Non-obtuse Triangulations, Canadian Conference on Computational Geometry (CCCG), Ottawa, Canada, 2007.
8. Triangulations Loosing Bundles and Weight, Canadian Conference on Computational Geometry (CCCG) Ottawa, Canada, 2007.
9. Triangulations with locally optimal Steiner points, Symposium on Geometry Processing (SGP), Barcelona, Spain. 2007.
10. Fast Delaunay refinement algorithms. *SIAM Geometric Modeling*, Phoenix, AZ, Nov 2005.
11. A time-optimal Delaunay refinement algorithm in two dimensions. *Proc. of the ACM Symp. on Computational Geometry (SoCG)*, Pisa, Italy, June 2005.
12. Quality meshes made smaller. *European Workshop on Computational Geometry*, Eindhoven, The Netherlands, March 2005.
13. Practical algorithms for quality spatial and space-time discretizations. Koc University, Istanbul, Turkey, August 2005.
14. Practical algorithms for quality spatial and space-time discretizations, Bilkent University, Ankara, Turkey, July 2005.
15. Computing quality-guaranteed triangulations: new theoretical and practical results. Escuela tcnica superior de ingeniera informtica Universidad de Sevilla, Sevilla, Spain, July 2004.
16. Time complexity of practical parallel Steiner point insertion algorithms ACM Symposium on Parallel Algorithms and Architectures, Barcelona, Spain, June 2004.
17. Refinement of triangulations. SIAM Conference on Discrete Mathematics, Mini-symposium on Computational Geometry and Topology, Nashville, TN, June 2004.

18. A new type of Steiner points for computing size-optimal quality-guaranteed Delaunay triangulations. Latin American Theoretical Informatics, Buenos Aires, Argentina, Apr 2004.
19. Mesh refinement for Jacobi curves. *NSF BioGeometry Workshop, Duke University, Durham, NC*, Nov 2003.
20. Approximation algorithms for degree-constrained bipartite network flow. *Int. Symposium on Computer and Information Sciences, Antalya, Turkey*, Nov 2003.
21. Provably-good triangulations for protein modeling. *Carnegie Mellon University, Pittsburgh, PA*, Oct 2003.
22. Mesh refinement: theory and practice. *University of New Mexico, Albuquerque, NM*, Sep 2003.
23. Jacobi sets of multiple Morse functions. *Stanford University, Stanford, CA*, June 2003.
24. Geometric algorithms for structural biology. *Sabancı University, Istanbul, Turkey*, Dec 2002.
25. Geometric algorithms for structural biology. *Middle East Technical University, Ankara, Turkey*, Dec 2002.
26. Relaxed scheduling in dynamic skin triangulation. *Japan Conference on Discrete and Computational Geometry, Tokyo, Japan*, Dec 2002.
27. Relaxed scheduling in dynamic skin triangulation. *DIMACS Workshop on Algorithmic Issues in Modeling Motion, Rutgers University, Camden, NJ*, Nov 2002.
28. Parallel Delaunay refinement: algorithms and analyses. *Duke University, Durham, NC*, Oct 2002.
29. Parallel Delaunay refinement: algorithms and analyses. *Int. Meshing Roundtable, Cornell University, Ithaca, NY*, Sep 2002.
30. Tiling 3D Euclidean space with acute tetrahedra. *Canadian Conference on Computational Geometry, University of Waterloo, Waterloo, ON*, Aug 2001.
31. Tent-pitcher: a meshing algorithm for space-time discontinuous Galerkin methods. *Int. Meshing Roundtable, New Orleans, LA*, Oct 2000.
32. Constrained 2D space-time meshing with all tetrahedra. *IMACS World Congress on Scientific Computation, Applied Mathematics and Simulation, Lausanne, Switzerland*, Aug 2000.
33. Biting spheres in 3D. *Int. Meshing Roundtable, Lake Tahoe, CA*, Oct 1999.
34. Adaptive mesh generation. *NSF-DARPA OPAAL Workshop, University of Iowa, Iowa City, IA*, Sep 1999.
35. An advancing front scheme to compute good sphere packings. *NSF-DARPA OPAAL Workshop, University of Illinois, Urbana, IL*, Oct 1998.
36. Simultaneous refinement and coarsening: adaptive meshing with moving boundary. *Int. Meshing Roundtable, Dearborn, MI*, Oct 1998.

FUNDING (External funding since UF employement)

Title of Grant	Funding Agency	PI / co-PI	Start Date	End Date	Value
CAREER: Computational Geometry, Mesh Generation, Geometric Modeling	NSF	A.Üngör	5/1/ 2009	4/30/ 2014	$400,627
Optimal Triangulations for Scientific Computing	NSF	A.Üngör	9/1/ 2008	8/31/ 2010	$125,174
Smoothing Meshes with High-Order Nodes to Fix Boundary Elements	Sandia Nat. Labs.	A.Üngör	5/21/ 2007	7/27/ 2007	$13,421

PROFESSIONAL SERVICES

Chair, Program Committee Member, Organizer

1. Program Committee Member for *International Sym. on Voronoi Diagrams*, June 2009. (Reviewed 3 papers).
2. Program Committee Member for *Sym. on Geometric Processing*, July 2007. (Reviewed 4 papers).
3. Program Committee Member for *ACM Symp. on Computational Geometry*, June 2006. (Reviewed 30 papers). [This is the premier conference in computational geometry and the PC members are not allowed to make submissions while they are serving.]
4. Program Committee Member for *International Symp. on Computer and Information Sciences (ISCIS)*, 2005. (Reviewed 10 papers).
5. Chair of the *International Meshing Roundtable (IMR)*, Oct 2004. (Reviewed 30 papers). [This is the premier conference in mesh generation with over 150 participants annually.]
6. Organizer and Chair of the *Workshop on Meshing for Computational Biology*. This was an NSF-funded satellite-event of IMR, Oct 2004.
7. Technical Papers Co-chair and Program Committee Member for the *International Meshing Roundtable (IMR)*, Oct 2003. (Reviewed 32 papers).
8. Program Committee Member for *International Symp. on Computer and Information Sciences (ISCIS)*, 2004. (Reviewed 12 papers).
9. Program Committee Member for *International Symp. on Computer and Information Sciences (ISCIS)*, 2003. (Reviewed 14 papers).

Editor

1. Editor of a special issue for the *Journal of Engineering with Computers*, Volume 22, Issue 2, 2006. (Reviewed and edited 5 articles).
2. Editor of a special issue for the *Int. J. Computational Geometry & Applications*, Volume 15, Issue 1, 2005. (Reviewed and edited 3 articles).
3. Editor of a special issue for the *Journal of Engineering with Computers*, Volume 21, Issue 1, 2005. (Reviewed and edited 6 articles).

Reviewer for Journal

1. Reviewer for *SIAM Journal of Scientific Computing* 8/06-Present, (Reviewed 1 article).
2. Reviewer for *Computational Geometry: Theory and Applications (CGTA)* 8/04-Present, (Reviewed 2 articles).
3. Reviewer for *Int. J. Computational Geometry & Applications (IJCGA)* 8/04-Present. (Reviewed 5 articles).
4. Reviewer for *ACM Journal on Transactions on Mathematical Software (TOMS)*, 8/06-Present. (Reviewed 1 article).
5. Reviewer for *Parallel Computing, Elsevier Journal* , 8/04-Present. (Reviewed 1 article).
6. Reviewer for *Applied Numerical Mathematics (APNUM), Elsevier Journal*, 8/02-Present. (Reviewed 1 article).
7. Reviewer for *International Journal on Foundations of Computer Science (IJFCS)*, 8/02-Present. (Reviewed 1 article).
8. Reviewer for *Journal of Engineering with Computers.*, 3/04-Present. (Reviewed 10 articles).

Reviewer for Proceedings

1. Reviewer for *ACM Symp. on Discrete Algorithms (SODA)*, 2003-Present. (Reviewed 3 articles).
2. Reviewer for *ACM Symp. on Computational Geometry (SoCG)*, 2002-Present. (Reviewed 8 articles, not including the articles reviewed as a PC member).
3. Reviewer for *ACM SIGGRAPH*, 2002-Present. (Reviewed 1 article).
4. Reviewer of the *International Meshing Roundtable (IMR)*, 2004-Present. (Reviewed 10 articles, not including the articles reviewed as a PC member).
5. Reviewer of the *ASME Design Automation Conference (DAC),* 2003-Present. (Reviewed 2 articles)

Membership in departmental committees at UF

1. Graduate Awards (Fellowships) Committee	Fall 2008 - Present
2. Graduate Admissions Committee	Fall 2008 - Present
3. Committee on Fairness of Grading	Spring 2008
4. Systems Facilities Committee	Fall 2007 - Present
5. Graduate Program Affairs and Petitions Committee	Fall 2007 - Present
6. Ambassadors Committee	Spring 2007 - Fall 2007
7. Undergraduate Petitions Committee	Fall 2005 - Fall 2007
8. College of Engineering Student Petitions Committee Representative	Fall 2006 - Fall 2007
9. Comprehensive Exam Committee	Fall 2005- Fall 2008
10. Commencement Marshall	Fall 2004 - Fall 2005

Grant Review Panels

1. Department of Energy, Review Panel Member, Spring 2009
2. Department of Energy, Review Panel Member, Spring 2008
3. National Science Foundation, Review Panel Member, July 2006.

TEACHING

University of Florida

- Spring 2009, COT5405, Analysis of Algorithms, Rating 4.33/5.0
- Fall 2008, COT5405, Computational Geomery, Rating 4.91/5.0
- Spring 2008, CAP5515, Computational Molecular Biology, Rating 4.0/5.0
- Fall 2007, COT5405, Analysis of Algorithms, Rating 4.29/5.0
- Spring 2007, COT3100, Applications of Discrete Structures, Rating 4.13/5.0
- Fall 2006, COT5405, Computational Geometry, Rating 4.81/5.0
- Spring 2006, COT5405, Analysis of Algorithms, Rating 4.41/5.0
- Fall 2005, CIS6930, Approximation Algorithms, Rating 4.86/5.0
- Spring 2005, CAP5515, Computational Molecular Biology, Rating 5.0/5.0
- Fall 2004, CIS6930, Computational Geometry, Rating 4.46 /5.0

Duke University

- Spring 2004, Computational Geometry, (co-taught with Herbert Edelsbrunner)
- Fall 2003, Advanced Topics in Computer Science: Mesh Generation

University of Illinois at Urbana-Champaign

- Summer 1998, CS110, C++ Programming
- Spring 1997, CS223, Software Laboratory

ADVISING

Chair/Co-chair of **4+1 Ph.D** Committees:

Role	Student	Research Topic	Complete Date
Chair	Hale Erten	*Steiner Triangulations*	Sep 2009 (scheduled)
	Homer Willis	*Protein Structure Prediction*	2010 (exp)
	Chunchun Zhao	*Optimal-Time 3D Mesh Generation*	2011 (exp)
	Anubhav K. Singh	*Computational Geometry*	2014 (exp)
Co-Chair	Cem Boyaci (chair Dr. Xia)	*Optimization in Networks*	2010 (exp)

Member of **25 Ph.D** Committees:

Role	Student	Research Topic	Home Dept	Complete Date
Committee Member	Xuehue Li	*Protein Sequences*	CISE	Dec 2007
	Sukitti Punak	*Deformation of Objects w. Memory*	CISE	Dec 2007
	Tianyun Ni	*Haptic-enabled Surgery Modeling*	CISE	Aug 2008
	Minho Kim	*Lattices & Splines*	CISE	Aug 2008
	Ashish Myles	*Jet Subdivision Surfaces*	CISE	Dec 2008
	Heping Gao	*Constrained Geometric Graphs*	CISE	Dec 2008
	Jianhua Fan	*Computer Graphics*	CISE	2009 (exp)
	Abdullah Almutairi	*Data Mining*	CISE	2011 (exp)
	Bekir Arslan	*Computer Security*	CISE	2009 (exp)
	Prasad Saripalli	*Meshes for Graphics*	CISE	2009 (exp)
	Ravi Jampani	*Algorithms & Databases*	CISE	2009 (exp)
	Shahed Nejhum	*Computer Vision*	CISE	2010 (exp)
	Yanqin Chen	*Sparse Matrices*	CISE	2010 (exp)
	Yi Pan	*Software Verification*	CISE	2010 (exp)
	Mete Takil	*Systems*	CISE	2008 (exp)
	Young Yeo	*Computer Graphics*	CISE	2011 (exp)
	Jianwei Gao	*Computer Graphics*	CISE	2011 (exp)
	Hang Yu	*Computer Vision*	CISE	2011 (exp)
	Rodolfo Troche	*Systems*	CISE	2011 (exp)
	Tao Chen	*Geometric Information Systems*	CISE	2011 (exp)
	Javed Shayan	*Computer Graphics*	CISE	2011 (exp)
	Jialong Cheng	*Geometric Constraints Theory*	CISE	2012 (exp)
	Aysegul Ozkan	*Geometric Graphs*	CISE	2012 (exp)
External member	Jhon Caceras	*LIDAR Data Processing*	CCE	2008
	Shuguang Tang	*Finite Element Methods*	Math	2009

Member of **1 M.S.** Committee:

Role	Student	Research Topic	Home Dept	Complete Date
Member	Zhongje Li	*Graphcis*	CISE	2008