Summary

For the period July 1, 2004, through June 30, 2005, the resident faculty of the Computer Science Department included 19 full time faculty members (8 Professors, 5 Associate Professors, 6 Assistant Professors) and 1 Visiting Assistant Professor. Permanent professional persons associated with the department included 3 secretarial staff members and 3 technical support personnel.

As of Fall 2004, there were 109 graduate students enrolled in degree programs (50 in the doctoral program and 59 in the MS), and 231 declared undergraduate majors. Additionally, there were a total of 1270 seats offered in service courses, taken primarily by non-majors. During the past fiscal year, 2 students were awarded Ph.D. degrees and 26 graduated with the M.S. degree. Also, 50 bachelor's degrees were awarded.

As a group, the faculty authored, co-authored, or edited 157 research articles and other publications and gave 37 presentations at professional meetings. Many of the faculty members have served on editorial boards of distinguished journals. Our faculty were PI, CO-PI, or contributors to 18 externally funded grants. The amount of the external funding totaled $4,032,315. Also, the faculty received 5 internal grants for the total amount of $57,121.

Dr. Shelby Funk was welcomed to our faculty in August 2004. Our recruiting efforts in 2004-2005 resulted in the hiring of Mr. Prashant Doshi and Mr. Lakshmish Ramaswamy. Mr. Doshi will complete his Ph.D. degree in Computer Science from the University of Illinois, Chicago, in August 2005. Mr. Ramaswamy will complete his Ph.D. in Computer Science from Georgia Tech, in August 2005. Both will assume the position of Assistant Professor in August 2005. In addition, we have recruited Dr. Leon Deligiannidis (Ph.D. in CS, Tufts University) and Dr. Julia Couto (Ph.D. in CS, Universidad Politecnica de Madrid, Madrid, Spain). They will replace two instructors who left UGA in AY04 and will be involved in teaching lower-division CS courses. Both will start in August, 2005.

Major Accomplishments

External Research Funding

2004-2005 has been a very good year for the faculty of the Computer Science Department. A number of new grants were awarded to CS faculty. In total, ten of our faculty members have held externally funded research grants as PIs or CO-PIs. For additional details, please see Appendix B, beginning on page 20.

Dr. Suchi Bhandarkar has continued his work on two externally sponsored grants from the US Dept. of Agriculture.
Dr. Rod Canfield has received a new grant from NSA for a project entitled *Asymptotic Methods in Combinatorics*. The project will last 3 years.

Dr. Eileen Kraemer has continued work on a three year long NSF grant entitled *Program Visualization: Using Perceptual and Cognitive Concepts to Quantify Quality, Support Instruction, and Improve Interactions*.

Dr. David Lowenthal has started work on a new three year grant from NSF entitled *Detecting and Alleviating Sources of Scalability Problems*. Also, he has continued his work on an NSF project: *HC-MPI: A System for Out-of-Core, Heterogeneous Data Distributions*.

John A. Miller and Eileen T. Kraemer (Co-PIs), together with Dr. Jessica Kissinger (PI), a Professor in the Genetics Department at UGA, received a new grant from NIH, entitled “Integrated Databases for Apicomplexan Pathogens”. It is a five year-long project.

Dr. Don Potter has continued his research on the project entitled *SAGA-3 Spray Advisor GA Parameter Setting Analysis*, supported by a grant from the USDA Forest Service.

Dr. Khaled Rasheed has continued his research (as a CO-PI) on a project entitled *Data Driven Design Optimization in Engineering Using Concurrent Integrated Experiment and Simulation*. The project has been funded by the National Science Foundation (the PI is Dr. Doyle Knight of Rutgers University).

Drs. Amit Sheth, Budak Arpinar, John Miller, and Krys Kochut have continued research on a grant from NSF for their project *SemDis: Discovering Complex Relationships in Semantic Web*. This project will last four years.

Drs. Amit Sheth, Budak Arpinar, and Krys Kochut have continued their work on the NSF project entitled *Semantic Association Identification and Knowledge Discovery for National Security Applications*.

Drs. Amit Sheth, Krys Kochut, and John Miller have continued their work on the NIH-sponsored project entitled *Bioinformatics of Glycan Expression*. This is a part of a large five year project ($6,700,000) originating from the Complex Carbohydrates Research Center (Dr. Michael Pierce, PI).

Drs. Amit Sheth and John Miller have received an *Eclipse Innovation Grant* from IBM.

**Scholarly Publishing**

The Computer Science faculty members have been very productive in publishing their research results. We have authored, co-authored, or edited 157 articles and other publications in 2004-2005, which is a significant increase from the previous year. They were published or submitted to high quality journals and conference proceedings. Our faculty gave 37 presentations at conferences, 6 of which were presented abroad. Also, we have given one keynote addresses and one invited talk. For the list of publications, please see Appendix C, beginning on page 23.
Conference Organization

Dr. Hamid Arabnia has organized the 2005 International MultiConference on Computer Science and Computer Engineering. The Conference was held in June 2005, Las Vegas, Nevada. Dr. Arabnia has served as the General Chair of the MultiConference.

Dr. Amit Sheth was the co-organizer of the Dagstuhl Seminar 04391 on Semantic Interoperability and Integration, September 19-24, 2004, Dagstuhl, Germany. He also co-organized Semantic Web meets eGovernment, an AAAI Spring Symposium Series (SSS-06), Sanford University, CA, March 27-29, 2005.

Dr. Thiab Taha organized the Fourth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena: Computation and Theory. The conference was held in Athens, Ga., April 7-10, 2003. Dr. Taha received funding for the organization of the conference from NSF.

Strategic Planning

Computer Science Education

We have continued improving the undergraduate program in Computer Science. Our faculty members have introduced 2 new undergraduate and 3 graduate courses to our curriculum.

The number of graduate students in Computer Science is not as large as in the 2003-2004 academic year. As of Fall 2004, there were 109 students enrolled in graduate degree programs: 50 in the doctoral program and 59 in the MS program. However, we are happy that our Ph.D. program has continued to grow. At the same time, the continued gradual increase in the number of our Ph.D. students is the primary reason for the overall decline in the total number of our graduate students. Recently, we were unable to vigorously recruit new students, due to an insufficient number of assistantships. The average time to graduate with a Masters degree is approximately 2 years, while the time to graduate with a Ph.D. degree is about 4 years, or more. As a result, our Ph.D. students hold funding considerably longer than those in the Masters program, adversely affecting the number of assistantships available for recruiting.

Faculty Recruitment

The department has filled two positions during recent recruiting. Drs. Prashant Doshi and Lakshmi Ramaswamy will start in August, 2005. This brings the number of Ph.D. faculty to 21, still fewer than the 24 projected in our 1999-2004 Strategic Plan.

In addition, we have hired Dr. Leon Deligiannis (CS Ph.D., Tufts University) and Dr. Julia Couto (CS Ph.D., Universidad Politecnica de Madrid, Madrid, Spain). Drs. Deligiannis and Couto will replace two instructors who left UGA in AY04 and will be involved in teaching lower-division courses. Both will start in August, 2005.
Space
The department has continued to suffer from an insufficient amount of space, especially in view of the recently hired faculty with research interests in experimental Computer Science. The hires of the two faculty members in Fall 2005 will require additional lab space. Our faculty are now located in three different buildings (Boyd, Hardman, and Barrow), which is not a good situation for fostering cohesiveness among the faculty body.

A. Short-Term Goals for FY 2006

Program Review
During the 2003-2004 academic year, the University conducted the first Program Review and Assessment of the Computer Science Department. We have been reviewing the recommendations of the Program Review Committee. The Department will write a formal reply describing how we have addressed the recommendations in the Fall 2005.

Faculty Recruitment
At present, we have no recruiting plans for AY06.

Space
There was no change in the space available to Computer Science. Both the quantity and quality of the space available to the Department continues to be insufficient.

B. Effectiveness Assessment
A committee composed of Drs. Dan Everett, Liming Cai, and Suchendra Bhandarkar has created a new Computer Science Undergraduate Assessment model. The first report has been created and submitted to the College. We will continue collecting measurements and analyzing the results.

C. Student Retention and Graduation Rates
As of Fall 2004, there were 231 declared undergraduate CS majors, a decrease of 82 students in comparison to Fall 2003. The decreasing trend, typical of many Computer Science departments across the country, has continued in 2004. Several recent publications have indicated declining interest in Computer Science among US students (for example, Jay Vegso, “Interest in CS as a Major Drops Among Incoming Freshmen,” Computing Research News, Vol. 17/No. 3, and S. Arora and B. Chazelle, “Is the Thrill Gone?,” Communications of the ACM, Vol. 48, No. 8, pp. 31-33). It is an alarming trend which, if continued, will adversely impact the health of the economy in Georgia and in the whole country. It is a complex issue which we intend to study vigorously and explore the possibilities of popularizing the Computer Science major among the UGA students.

As of Fall 2004, there were 109 students enrolled in graduate degree programs: 50 in the doctoral program and 59 in the MS program. Our Ph.D. degree program has continued to grow. However, the availability of funding for graduate students continues to be a very important factor in the overall health of the graduate program. In Fall 2004, 58 graduate students received financial support, as follows: Graduate Laboratory Assistants, 50%; Graduate Teaching Assistants (in charge of a course), 9%; Research Assistants supported by
external funding, 34%; University Wide Assistantships, 7%. During the past fiscal year, 2 students were awarded Ph.D. degrees and 26 graduated with M.S.

In addition to graduate students and majors, the department taught several courses of a service nature, including CSCI 1100 (Introduction to Personal Computing), CSCI 1210 (Introduction to Computational Science), CSCI 1301 (Introduction to Computing and Programming). A total of 1,270 seats were offered in these courses.

D. Overall Status

The overall record of the faculty in instruction and research continues to be very good. However, we need to pay close attention to the decreasing number of our undergraduate students and undertake steps to attract new students into the Computer Science major. Our graduates are very well trained and have been able to find quality employment. We have graduated 2 more Ph.D. students. Additionally, we have continued to provide quality education to a large number of students, both majors and non-majors. Our research record has continued to improve both in scholarly publishing and in external research funding. We have added two excellent faculty members this year.

We continue to believe that the professional environment for computer science at UGA is very good. The department looks forward to future opportunities to strengthen our research and instruction.

APPENDICES

Attached are detailed listings of professional activities, grants, publications, and presentations of the faculty during the past year.
A. PROFESSIONAL HONORS AND RECOGNITIONS

H. R. Arabnia


Member, Board of Advisors, The International Journal of Information Technology and Systems (Editor-in-Chief, Prof. David Rine, George Mason University), 2002 – present.


Member of Executive Board of Editors, American Journal of Applied Sciences, ISSN#: 1546-9239.

Field Reviewer for the Naval Research Laboratory (NRL) - Postdoctoral Fellowship Application Review. The American Society for Engineering Education (ASEE), 2004.


Member of Scientific Advisory Board, IOS Press, Medical and Care Compunetics, ISSN# 0926-9630, 2004.

Member of the IEEE Program Committee for 2004 International Conference on Advances in Intelligent Systems - Theory and Applications (AISTA2004: Nov. 15-18, Luxembourg), 2004.

Member, IEEE Steering Committee of ICMLA'04 (3rd International Conference on Machine Learning and Applications); Louisville, Kentucky, USA, December 16-18, 2004.

Member of Steering Committee, The 2004 International Conference on Communications in Computing, CIC’04, Las Vegas, USA, 2004.
Member of the Program Committee of International Conference on Embedded and Ubiquitous Computing (EUC-04: August 26-28, 2004, Aizu, Japan.).

Member of the Program Committee of The 2004 GITEX Research Conference on Innovations in Information Technology (IIT'2004: Dubai, UAE.).

Member of the Scientific Committee of SNPD 2004 (International Conference on Software Engineering, Artificial Intelligence, Networking, Parallel/Distributed Computing), P. R. China.


Member of Technical Program Committee for The International Conference on Embedded Software and Systems (ICESS'04: Hangzhou, P. R. China), 2004.

Member of Program Committee for The Fifth International Conference of Parallel and Distributed Computing, Applications and Technologies (PDCAT'04, Singapore, Dec 8-10, 2004.).


Interviewed by New Scientist Magazine about recent advances in supercomputing technology (October, March and also July 2004.).

Referee for the Natural Sciences and Engineering Research Council of Canada, a research funding agency, 2004.


Referee for Postdoctoral Fellowship, Fund for Scientific Research - Flanders, Belgium, 2005.


External Evaluator of Promotion dossier, University of California, Los Angeles, USA, 2004.

External Evaluator of Promotion dossier (an Appeal's Case), University of Guelph, Canada, 2004/2005.

External Evaluator of Promotion dossiers, University of Technology, Sydney, Australia, 2004.


External Evaluator of Promotion dossier, United Arab Emirates University, 2004.


**I. Budak Arpinar**

Member, IEEE Computer Society, 2002 – present.

Member, ACM Sigmod, 1999 – present.

Program Committee Member, 11th Intl. Conference on Artificial Intelligence: Methodology, Systems, and Applications (AIMSA 2004).


Program Committee Member, 2004 IEEE/WIC/ACM International Conference on Web Intelligence, September 20-24, 2004, Beijing, China.


Program Committee Member of the IASTED International Conference on Knowledge Sharing and Collaborative Engineering (KSCE 2004), November 22-24, 2004, St. Thomas, US Virgin Islands.

Program Committee Member of the 20th International Symposium on Computer and Information Sciences, Istanbul, Turkey, 2005.
Reviewer, IEEE Internet Computing.
Reviewer, IEICE Transactions on Information and Systems.
Reviewer, Journal of Intelligent Systems.
Reviewer, Data and Knowledge Engineering Journal.
Reviewer, Encyclopedia of Database Technologies and Applications.
Reviewer, WWW Conference, 2005.
Reviewer, ETRI Journal.

S. M. Bhandarkar

Associate Editor, International Journal of Applied Intelligence, November 1999 - present.

Program Committee Member, IEEE Computer Society Bioinformatics Conference (CSB 2004), Stanford University, Palo Alto, CA, August 2004.

Program Committee Member, European Conference on Parallel and Distributed Computing (EuroPar 2004), August 2004.

Program Committee Member, International Conference on Pattern Recognition (ICPR 2004), Cambridge, UK, August 2004.

Program Committee Member, International Conference on Parallel Processing, (ICPP 2004), Montreal, Quebec, August 2004.


Member, Technical Committee on Pattern Analysis and Machine Intelligence, IEEE Computer Society, 1992-present.

Member, Association for Computing Machinery (ACM), 1990-present.

Member, International Society of Photo-optical and Instrumentation Engineers (SPIE), 1987-present.

Member, American Association for Artificial Intelligence (AAAI), 1985-present.

Member, Institute for Electrical and Electronic Engineering (IEEE), 1982-present.


L. Cai

Member of professional organizations: ACM, SIGACT, EATCS, (1992 -present).
Reviewer, Mathematical Reviews, 1998 -present.
Reviewer, SIAM Journal on Discrete Mathematics.
Reviewer, IEEE Transactions in Computer.
Reviewer, Information and Computation.
Reviewer, Journal of Automata, Languages, and Combinatorics.
Reviewer, Information Processing Letters.
Reviewer for Theoretical Computer Science, 2005.

E. R. Canfield

Reviewer, Math Reviews.
Referee, Journal Combinatorial Theory, Series A and B.
Referee, American Mathematical Monthly.
Referee, National Science Foundation.
Member of the Association for Computing Machinery.
Editor, Electronic Journal of Combinatorics.

**S. H. Funk**

Member of IEEE  
Member of ACM

**M. Hybinette**

Member, Association for Computing Machinery.  
Member, Institute of Electrical and Electronics Engineers.  
Reviewer, Winter Simulation Conference (WSC), 1996 – present.  
Reviewer, Workshop on Parallel and Distributed Simulation (PADS), 1997 – present.

**K. J. Kochut**

Member, Association for Computing Machinery.  
Member, SIGMOD.  
Member, SIGCOMM.  
Reviewer, IEEE Transactions on Knowledge and Data Engineering.  
Reviewer, Information Systems.

**E. T. Kraemer**

Member, Program Committee for SoftVis2005 Conference, 2004.  
Referee, Grace Hopper Conference, 2004
Referee, Grace Hopper Scholarship Competition, 2004
Referee, Vis2004
Referee, National Science Foundation, Advanced Computational Research Program.
Referee, IEEE Transactions on Software Engineering.
Referee, IEEE Transactions on Parallel and Distributed Systems.
Referee, Transactions on Software Engineering and Methodology.
Referee, Bioinformatics.
Referee, Software-Practice and Experience Cybernetics and Systems.

Kang Li
Reviewer, Multimedia Computing and Networking.
Reviewer, ACM Multimedia.
Reviewer, IEEE Transactions of Parallel and Distributed Computing.
Reviewer, NOSSDAV and IEEE Security and Privacy.

D. K. Lowenthal
Member, ACM, 1992-present.
Member SIGPLAN, 1992-present.
Member, SIGOPS, 1992-present.
Referee, International Parallel and Distributed Processing Symposium (IPDPS).
Referee, Computer Languages.
Referee, Architectural Support for Programming Languages and Operating Systems (ASPLOS).
Program Co-Chair, Workshop on High-Performance, Power-Aware Computing, 2005.
National Science Foundation Grant Review Panel Member, 2004.


**J. A. Miller**

Editorial Board Member of International Journal of Simulation and Process Modelling (IJSPM), 2004 – present.

Associate Editor, ACM Transactions on Modeling and Computer Simulation (TOMACS), 1999- present.

Associate Editor, IEEE Transactions on Systems, Man and Cybernetics (TSMC), 1999- present.

Program Committee Member, Annual Simulation Conference (ANSS), 1992-present.


Referee, ACM Transactions on Modeling and Simulation.


Reviewer for National Science Foundation, 2004.

**W. D. Potter**


Program Committee Member, International Conference on Artificial Intelligence (IC-AI’2004), Las Vegas, Nevada, June, 2004.

Program Committee Member, International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, (IEA/AIE’2003), June 2005; Italy.
Program Committee Member, International Conference on Knowledge Based Computer Systems, 2004, India.

Program Committee Member, International Conference on Informatics in Control, Automation, and Robotics, August, 2004, Portugal.

Referee, IEEE Computer.


Referee, International Journal for Applied Intelligence.

Referee, Journal of Intelligent and Fuzzy Systems: JIFS.

Referee, Pattern Recognition Letters.

K. M. Rasheed

Member, Institute of Electrical and Electronics Engineers (IEEE).

Member, IEEE Computer Society.

Member, IEEE Neural Network Society.

Member, International Society for Genetic and Evolutionary Computation (ISGEC).

Member, American Association for Artificial Intelligence (AAAI).


Session Chair, The International Multiconferences in Computer Science (MLMTA’2004).


Session Chair, Genetic and Evolutionary Computation Conference (GECCO’2005).


Program committee member, The 8th International Conference on Parallel Problem Solving From Nature (PPSN’2004).

Referee, IEEE Intelligent Systems.

Referee, IEEE Transactions on Evolutionary Computation

Referee, Journal of Artificial Intelligence Research (JAIR).
Referee, Artificial Intelligence in Engineering Design and Manufacturing (AIEDAM).
Referee, International Association for Mathematics and Computers in Simulation (IMACS).
Referee, Machine Learning Journal (MLJ).
Referee, Applied Intelligence.
Referee, Pattern Recognition Letters.

**R. W. Robinson**

Referee, SODA05 (ACM-SIAM Symposium on Discrete Algorithms 2005).

**A. P. Sheth**

Senior Member (2003), IEEE and IEEE Computer Society, including Technical Committee on Database Engineering, 1981 – present.
Member of the Editorial Board, Journal on Distributed and Parallel Databases, 1992 - present.
Associate Editor, SIGMOD Record, 1988 – present.
Member, Association for Computing Machinery, SIGMOD and other SIGs.
Member, IEEE Computer Society, including Technical Committee on Database Engineering.
Member of the Board and Founding Member, International Foundation on Cooperative Information Systems, 1996 – present.
Advisory Board, Coca-Cola Center for Marketing Studies, Terry College of Business, 2001 – present.
PC Member, W3C Workshop on Frameworks for Semantics in Web Service, Innsbruck, Austria, June 9-10, 2005.
PC Member, IEEE International Conference on Intelligence and Security Informatics (ISI-2005), Atlanta, GA, May 19-20, 2005.
PC Member, 21st International Conference on Data Engineering, Tokyo, Japan, April, 2005.
PC Member, 1st UK Young Researchers Workshop on Service Oriented Computing (YR-SOC), Leicester, UK, April 21-22, 2005.
PC Member, IEEE International Conference on Web Services (ICWS 2004), San Diego, CA, July 6-9, 2004.
Program Committee Member, the Workshop on Semantic Web and Databases, Berlin, Germany, September 13-14, 2004.
Referee, VLDB Journal.
Referee, National Science Foundation.
Referee, Research Council of Norway.
Referee, Information Systems.
Referee, Intelligent Information Systems.
Referee, Distributed and Parallel Databases.
Referee, Intelligent and Cooperative Information Systems.
Referee, Computer.
Referee, IEEE Transaction on Knowledge and Data Engineering.
Referee, Edited 3 Database Research Center Reports for *ACM SIGMOD Record* as Associate.
Referee, Edited 3 Media Reviews for IEEE Multimedia.
Proposal Reviewer, Swiss National Science Foundation, 2005.

**J. W. Smith**

Member of IEEE

**T. R. Taha**

Member, Association of Computing Machinery (ACM).
Member, Society for Industrial and Applied Mathematics (SIAM).
Member, SIAM SEAS.
Member, International Association for Mathematics and Computers in Simulation (IMACS).
Member, SIAM Activity Group on Supercomputing.
Member, SIAM Activity Group on Computational Science.
Member, IMACS technical committee on Dynamical Systems and Nonlinear Science, 1992 - present.
Member, Institute of Electrical and Electronics Engineers (IEEE), Inc.
Referee, Computers and Mathematics with applications.
Referee, Mathematics and Computers in Simulation.
Referee, Numerical Mathematics for Partial Differential Equations.
Referee, Simulation: The Journal of the Society for Computer Simulation, Hong Kong.
Referee, Journal of Science and Technology/Sultan Qaboos University of Oman.
Referee, Derasat/Journal of Sciences, University of Jordan, Jordan.
Referee, Journal of Physics B: Molecular and Optical Physics.
Referee, Numerical Algorithms, C. Brezinski, Editor-in-Chief, France.
Member, Editorial Board of The International Arab Journal of Information Technology (IAJIT).
Member, Organizing Committee for the upcoming Bioinformatics Conference, 2005.
Member, The International Program Committee for the 17th IMACS World Congress, Paris, France, July 11-15, 2005.
Member, Steering Committee of the 2005 Arab Conference on Information Technology (ACIT’2005), Al-Isra Private University, Jordan, December 6-8, 2005.

GRANTS AWARDED OR CURRENT

EXTERNALLY FUNDED GRANTS


Canfield, E.R. (PI), J.W. Smith and H.R. Arabnia, University of Georgia Yamacraw Program (2003-2004), Georgia Governor’s Office, $614,870, continued support for permanent/continued staff and faculty positions for the Department of Computer Science.


Lowenthal, David (PI), National Science Foundation Advanced Computational Research Program (ACR), "HC-MPI: A System for Out-of-Core, Heterogeneous Data Distributions", $150,000, July 1, 2003 – June 30, 2005 (additionally, $6000 on an REU supplement).


Knight, Doyle (PI), Khaled Rasheed (Co-PI) and 3 other Co-PIs, National Science Foundation (NSF), “Data Driven Design Optimization in Engineering Using Concurrent Integrated Experiment and Simulation,” $1,200,000, Oct. 1, 2001 – Sept. 30, 2004 (UGA’s portion $137,295).


Sheth, A., donations from various sources to support research activities in the LSDIS Lab at the University of Georgia, current funding, $83,000.

INTERNALLY FUNDED GRANTS


B. FACULTY PUBLICATIONS AND PRESENTATIONS

PUBLISHED ARTICLES AND CHAPTERS IN BOOKS: (senior author listed first)


34. Arabnia H. R., Co-Editor (with Elena B. Kozerenko & Sebastian Shaumyan); Rose Joshua, Associate Editor; Proceedings of the 2005 International Conference on Machine Learning; Models, Technologies and Applications (MLMTA'05: June, Las Vegas, USA), ISBN# 1-932415-73-4, 154 pages, 2005.


42. Arabnia H. R., Co-Editor (with Anthony Scime); Ray R. Hashemi & Roman W. Swiniarski, Associate Co-Editors; Proceedings of the 2005 International Conference on Data Mining (DMIN'05: June, Las Vegas, USA), ISBN# 1-932415-79-3, 250 pages, 2005.


47. Arabnia H. R., Associate Editor; Faramarz Valafar & Homayoun Valafar, Co-Editors; Proceedings of the 2005 International Conference on Mathematics and Engineering Techniques in Medicine and Biological Sciences (METMBS'05: June, Las Vegas, USA), ISBN# 1-932415-83-1, 308 pages, 2005.


83. Philippa Rhodes, Sujith Thomas, Matthew Ross, Eileen Kraemer, Ashley Hamilton-Taylor, Bina Reed, Elizabeth Davis, Kenneth Hailston, and Keith Main, "VisEval: An Experimental System for the Study of Program Visualization Quality", SoftVis'05, accepted as poster presentation.


PRESENTATIONS AT MEETINGS


