

**Annual Report of the ACM Awards Committee  
for the Period  
July 1, 2008 - June 30, 2009**

**1. BASIC INFORMATION**

**1.1 List of Award Subcommittee Members and Terms of Office**

Calvin C. Gotlieb, Awards Ctte.Co-Chair	4/1/98-6/30/10
James Jay Horning, Awards Ctte. Co-Chair	7/02-6/30/10
Martín Abadi	12/4/07-12/31/11
Hal Abelson	12/03-12/31/09
Frances E. Allen	11/18/08-12/31/14
Rajeev Alur	12/20/06-12/31/09
P. Anandan	11/11/08-12/31/12
Jean-Loup Baer	3/31/08-12/31/10
David H. Bailey	3/9/06-12/31/08
Reinaldo Bergamaschi	4/27/06-12/31/09
Brian Bershad	12/4/07-12/31/11
Nina Bhatti	
Ronald Boisvert	10/04-12/31/08
Stephen R. Bourne	3/6/06-12/31/10
Eric Brewer	3/05-
Cynthia Brown	7/11/07-12/31/09
Vinton Cerf	11/2/06-12/31/11
Jennifer Chayes	6/26/07-12/31/12
Lori Clarke	8/19/08-12/31/11
Edmund Clarke	12/20/06-12/31/08
James W. Demmel	3/9/06-12/31/09
Stuart I. Feldman	12/31/13
Christian Freksa	7/05-
Carlo Ghezzi	10/14/05-12/31/08
Adele Goldberg	4/25/06-12/31/09
Susan L. Graham	8/16/07-12/31/11
David Gries	12/20/06-12/31/09
William G. Griswold	1/27/09-12/31/10
Richard Hanson	12/4/07-12/31/09
Vicki Hanson	12/20/06-12/31/10
David Harel	1/05-12/31/09
Juris Hartmanis	8/16/07-12/31/12
Daniel Huttenlocher	12/1/06-12/31/12
Stephen Ibaraki	12/5/08-12/31/11
Mary Jane Irwin	9/12/08-12/31/12
Richard Karp	9/21/05-12/31/09
Alan Kay	11/2/06-12/31/10
Maria Klawe	8/04-12/31/08
Butler Lampson	8/16/07-12/31/11
Robert M. Lefkowitz	4/25/06-12/31/08
Nancy Leveson	12/17/08-12/31/12
Chuang Lin	11/11/08-12/31/13
Kelly Lyons	7/11/07-12/31/10

Diana Marculescu	12/20/06-12/31/09
Margaret Martonosi	1/24/07-12/31/08
Yossi Matias	12/4/07-12/31/10
Kathleen McKeown	3/05-12/31/11
Kathryn McKinley	1/27/09-12/31/11
Kurt Mehlhorn	8/27/07-12/31/10
John C. Mitchell	9/19/07-12/31/10
Charles Moore	1/5/09-12/31/11
Priya Narasimhan	8/04-12/31/08
John F. Nolan	4/25/06-12/31/09
Cherri M. Pancake	9/03-12/31/08
Ronald Perrott	9/12/08-12/31/12
Brian Randell	10/14/05-12/31/09
Jennifer Rexford	12/20/06-12/31/09
Martin Rinard	12/4/07-12/31/12
Susan Rodger	4/27/06-12/31/09
Pat Ryan	6/26/07-12/31/11
Rob Schreiber	1/30/09-12/31/09
Bart Selman	9/22/06-12/31/10
Ravi Sethi	8/27/07-12/31/13
Marc Shapiro	2/5/09-12/31/12
David Shmoys	
Gabriel (Gabby) Silberman	11/10/05-12/31/08
Abraham Silberschatz	7/5/07-12/31/11
Barbara Simons	
Amit Singhal	8/16/07-12/31/09
Marc Snir	10/06-12/31/11
Richard Snodgrass	1/22/09-12/31/12
Gurindar Sohi	10/7/07-12/31/10
Michael Stonebraker	12/1/06-12/31/09
Sabine Susstrunk	12/04-
Valerie Taylor	8/04-12/31/08
David A. Thomas	4/25/06-12/31/09
Mike Ubell	1/04-
Mateo Valero	12/31/10
Andries van Dam	11/2/05-12/31/08
Robert Walker	3/9/06-12/31/11
Peter Wegner	6/26/08-12/31/11
Mary Wheeler	
Telle Whitney	10/06-12/31/11
David S. Wise	11/15/06-12/31/08
Alexander Wolf	8/1/07-12/31/11
Andrew C. Yao	8/16/07-12/31/09-Infosys Foundation
	9/12/08-12/31/13-Fellows
John Yen	6/26/07-12/31/11
Bryant York	12/22/06-12/31/09

## 1.2 Purpose of the Committee

The Awards Committee is responsible for the conduct of the currently existing award prizes, fellowships and other symbols of recognition of merit bestowed by ACM as a whole. This includes providing recommendations for appointments to their subcommittees (ACM membership is required and approval is by the ACM Awards Committee Co-Chairs and ACM President), soliciting nominees, selecting winners from among the nominees, and arranging for the formal conferring of the awards, and exploring possibilities of funding awards with outside organizations.

The Committee is further responsible for defining and updating the awards structure of ACM and its units by recommending to Council, when appropriate, the establishment of new programs for the recognition of merit, or the modification or discontinuance of existing ones, with the goal of maintaining a balance among the awards recognizing different kinds of meritorious activities.

All ACM awards must be approved by the ACM Awards Committee. Further approval by ACM Council is required before any proper name may be attached to any such award or prize. This authority may not be delegated. Subunit-wide awards, excluding Named Awards, generally do not require ACM Council approval. The Policies and Guide for establishing an ACM award can be found on: <http://www.acm.org/awards/policies.html>

The Committee will provide advice to subunits of ACM regarding any award programs conducted by them. Subunits engaging in award activities should consult with the Awards Committee concerning the nature and balance among the programs of ACM and its subunits.

The Committee will maintain contact, and as appropriate, exchange information with other professional or technical organizations concerning their awards programs.

## 1.3 Committee Organization

The Awards Committee is a standing committee of Council, reporting through the President. The ACM Awards Committee consists of the ACM President, the CEO/Executive Director (ex-officio), the Co-Chairs of the Awards Committee, the current chairs of the individual ACM award selection committees, and the ACM SIG Chairs Liaison with the Awards Committee.

### A.M. Turing Award

2008 Chair – Brian Randell                      2009 Chair – Alan Kay

ACM's most prestigious technical award is accompanied by a prize of \$250,000. It is given to an individual selected for contributions of a technical nature made to the computing community. The contributions should be of lasting and major technical importance to the computer field. Financial support of the Turing Award is provided by the Intel Corporation and Google, Inc.

2008 Recipient:                      *Barbara Liskov, MIT*

*For contributions to practical and theoretical foundations of programming language and system design, especially related to data abstraction, fault tolerance, and distributed computing.*

### ACM – Infosys Foundation Award in the Computing Sciences

2008-09 Chair – Juris Hartmanis

The ACM - Infosys Foundation Award in the Computing Sciences was created in August 2007 and recognizes personal contributions by young scientists and system developers to a contemporary innovation that, through its depth, fundamental impact and broad implications, exemplifies the greatest achievements in the discipline. The award carries a prize of \$150,000. Financial support for the award is provided by an endowment from the Infosys Foundation.

2008 Recipient:                      *Jon Kleinberg, Cornell University*

*For his contributions to the science of networks and the World Wide Web. His work is a deep combination of social insights and mathematical reasoning.*

**Distinguished Service Award**

2008 Chair – Gurindar Sohi                      2009 Chair – Marc Shapiro

Awarded on the basis of value and degree of service to the computing community. The contributions should not be limited to service to the Association, but should include activities in other computer organizations and should emphasize contributions to the computing community at large.

2008 Recipient:            *Telle Whitney, ABI*

*For significant service to the computing community, by founding and leading initiatives and institutes that have positively impacted the professional careers of women in computing.*

**Outstanding Contribution to ACM Award**

2008 Chair – Diana Marculescu            2009 Chair – Vicki Hanson

This award is given to individuals who are selected on the value and degree of service to ACM.

2008 Recipients:

*Wayne Graves, Association for Computing Machinery*

*For outstanding leadership in the design, implementation, and evolution of the ACM Digital Library and Guide.*

*Bernard Rous, Association for Computing Machinery*

*For outstanding leadership in initiating the development of the ACM Digital Library and Guide and curation of their content.*

**Software System Award**

2008 Chair – Michael Stonebraker                      2009 Chair – Alexander Wolf

Awarded to an institution or individual(s) recognized for developing a software system that has had a lasting influence, reflected in contributions to concepts, in commercial acceptance, or both. The Software System Award carries a prize of \$35,000 which is provided by IBM.

2008 Recipients:                      **The Gamma Parallel Database System**

*David J. DeWitt, Microsoft/University of Wisconsin-Madison (Emeritus)*

*Robert Gerber, Microsoft*

*Murali M. Krishna, HP*

*Donovan A. Schneider, Yahoo!*

*Shahram Ghandeharizadeh, University of Southern California*

*Goetz Graefe, HP*

*Michael Heytens, RGM Advisors*

*Hui-I Hsiao, IBM*

*Jeffrey F. Naughton, University of Wisconsin-Madison*

*Anoop Sharma, HP*

*For Gamma, the first embodiment of a parallel, “shared nothing” database system running on a cluster of commodity computers, using data partitioning and innovative parallel query execution strategies.*

**Grace Murray Hopper Award**

2008 Chair – Jennifer Rexford                      2009 Chair – Kelly Lyons

Awarded to the outstanding young computer professional of the year, selected on the basis of a single recent major technical or service contribution and includes a prize of \$35,000. Financial support of the award is provided by Google Inc. The candidate must have been 35 years or age or less at the time the qualifying contribution was made.

2008 Recipient:            *Dawson Engler, Stanford University*

*For his ground-breaking work on automated program checking and bug-finding.*

**Karl V. Karlstrom Outstanding Educator Award**

2008 Chair – David Gries

2009 Chair – Nancy Leveson

Awarded annually to an outstanding educator who: is appointed to a recognized educational baccalaureate institution; is recognized for advancing new teaching methodologies, or effecting new curriculum development or expansion in computer science and engineering; or who is making a significant contribution to the educational mission of the ACM. Those who have been teaching for ten years or less will be given special consideration. A prize of \$5,000 is supplied by the Prentice-Hall Publishing Company.

**2008 Recipient:** John E. Hopcroft, Cornell University

*For his vision of and impact on computer science, including co-authoring field-defining texts on theory and algorithms, which continue to influence students 40 years later, advising PhD students who themselves are now contributing greatly to computer science, and providing influential leadership in computer science research and education at the national and international level.*

**Paris Kanellakis Theory and Practice Award**

2008 Chair – Rajeev Alur

2009 Chair – Yossi Matias

The Kanellakis award honors specific theoretical accomplishments that have had a significant and demonstrable effect on the practice of computing. This award is accompanied by a prize of \$10,000 and is endowed by contributions from the Kanellakis family, and financial support which has been provided by ACM's SIGACT, SIGDA, SIGMOD, SIGPLAN, the SIG Project Fund, and individual contributions.

**2008 Recipients:** Corinna Cortes, Google Research

Vladimir Vapnik, Fellow of NEC Laboratories/Columbia University

*For the development of Support Vector Machines, a highly effective algorithm for classification and related machine learning problems.*

**Doctoral Dissertation Award**

2008 Chair – Richard M. Karp

2009 Chair – Bart Selman

Presented annually to the author(s) of the best doctoral dissertation(s) in computer science and engineering and is accompanied by a prize of \$20,000, and \$10,000 for the Honorable Mention winner. Financial sponsorship of the award is provided by Google, Inc. The winning dissertation is published by Springer.

**2008 Recipient:** Constantinos Daskalakis, Microsoft Research Lab/Fall 2009 - MIT

For his dissertation *The Complexity of Nash Equilibria* nominated by the University of California at Berkeley.

**2008 Honorable Mention:**

Derek Hoiem, University of Illinois at Urbana-Champaign

For his dissertation *Seeing the World behind the Image: Spatial Layout for 3D Scene Understanding*, nominated by Carnegie Mellon University.

Sachin Katti

For his dissertation *Network Coded Wireless Architecture* nominated by the Massachusetts Institute of Technology.

**ACM/IEEE CS Eckert-Mauchly Award**

2008 Chair – Ronny Ronen                      2009 Chair – Jean-Loup Baer

Administered jointly by ACM and IEEE Computer Society. The award of \$5,000 is given for contributions to computer and digital systems architecture where the field of computer architecture is considered at present to encompass the combined hardware-software design and analysis of computing and digital systems. The award was presented at the 36<sup>th</sup> annual ISCA (International Symposium on Computer Architecture - June 2009, Austin, Texas).

2009 Recipient: *Joel Emer, Intel Fellow*

*For pioneering contributions to performance analysis and modeling methodologies; for design innovations in several significant industry microprocessors; and for deftly bridging research and development, academia and industry.*

**ACM/AAAI Allen Newell Award**

2008 Chair – Kathy McKeown                      2009 Chair – Daniel Huttenlocher

The Allen Newell Award is presented to an individual selected for career contributions that have breadth within computer science and other disciplines. This endowed award is supported by the Association for the Advancement of Artificial Intelligence (AAAI – formerly the American Association for Artificial Intelligence), and by individual contributions.

2008 Recipients:

Barbara J. Grosz, Harvard University

*For fundamental contributions to research in natural language processing and in multi-agent systems, for her leadership in the field of artificial intelligence, and for her role in the establishment and leadership of interdisciplinary institutions.*

Joseph Y. Halpern, Cornell University

*For fundamental advances in reasoning about knowledge, belief, and uncertainty and their groundbreaking applications in artificial intelligence, computer science, game theory, economics, and the philosophy of science.*

**ACM Eugene L. Lawler Award for Humanitarian Contributions within Computer Science and Informatics**

2005-07 Chair – Nina Bhatti

The Lawler Award recognizes an individual or a group who have made a significant contribution through the use of computing technology. The amount of this biennial award is \$5,000, and it is financially supported by individual contributions. The next presentation will be the 2009 award.

**The SIAM/ACM Prize in Computational Science and Engineering**

2009 Chair – Mary Wheeler                      2011 Chair –

This biennial, endowed award recognizes an individual(s) for outstanding research contributions to the field of computational science and engineering. The contribution(s) for which the award is made must be publicly available and may belong to any aspect of computational science in its broadest sense. The award includes a cash prize of \$5,000. Financial sponsorship is provided by SIAM (Society for Industrial and Applied Mathematics).

The 2009 award was presented March 3, 2009 at the SIAM Conference on Computational Science and Engineering (CSE09) in Miami, Florida, to *Cleve Moler, Chairman/Chief Scientist, The MathWorks: In recognition of his individual research in numerical analysis and the efficacy of his invention, MATLAB, which has had a transformative impact on the ability of the applied*

*mathematics, engineering and computer science communities to prototype rapidly and to execute reliably numerical simulations in ever-expanding domains of science and engineering.*

### **ACM Gordon Bell Prize**

2008 Chair – James Demmel

2009 Chair – Mateo Valero

The Gordon Bell Prizes are awarded each year to recognize outstanding achievement in high-performance computing. The purpose of the awards is to track the progress over time of parallel computing, with particular emphasis on rewarding innovation in applying high-performance computing to applications in science. Prizes are awarded for peak performance, special achievements in scalability and time-to-solution on important science and engineering problems, and low price/performance. The awards are presented during the SuperComputing Conference and include a total of \$10,000 in prize money. The award has been endowed by Gordon Bell, a pioneer in high-performance and parallel computing.

The 2008 winners of the Gordon Bell Prize Peak Performance Category are Thomas C. Schulthess, Gonzalo Alvarez, Michael S. Summers, Don E. Maxwell, Markus Eisenbach, Jeremy S. Meredith, Thomas A. Maier, Paul Kent, and Eduardo D’Azevedo, from the Oak Ridge National Laboratory (ORNL), and John M. Levesque and Jeffrey M. Larkin of Cray, Inc., for *Multi-teraflops Simulations of Disorder Effects on the Transition Temperature of the High T<sub>c</sub> Superconducting Cuprates*.

The 2008 ACM Gordon Bell Prize for the Special Category in Algorithm Innovation went to Lin-Wang Wang, Byounghak Lee, Hongzhang Shan, Zhengji Zhao, Juan Meza, Erich Strohmaier, and David Bailey, Berkeley Lab, for *Linearly Scaling 3D Fragment Method for Large-Scale Electronic Structure Calculations*.

### **ACM Presidential Award**

The ACM Presidential Awards are given to leaders whose actions and achievements serve as paragons for our field. Recipients have demonstrated their exceptional abilities to advance computing and enhance its impact for the benefit of society through generosity, creativity and dedication to their respective missions. No award was presented for 2009.

### **ACM Fellows**

2008 Chair – Cherri Pancake

2009 Chair – Stephen R. Bourne

The ACM Fellows Program was established by Council in 1993 to recognize and honor outstanding ACM members for their achievements in computer science and information technology and for their significant contributions to the mission of the ACM. The ACM Fellows serve as distinguished colleagues to whom the ACM and its members look for guidance and leadership as the world of information technology evolves.

Forty-four new Fellows were inducted in 2008 bringing the total number of ACM Fellows to 675. The 2008 Fellows are:

Martín Abadi, *Microsoft / UC Santa Cruz; Microsoft Research Silicon Valley*  
Gregory Abowd, *Georgia Institute of Technology*  
Alexander Aiken, *Stanford University*  
Sanjeev Arora, *Princeton University*  
Hari Balakrishnan, *Massachusetts Institute of Technology*  
William Buxton, *Microsoft Research*

Kenneth L. Clarkson, *IBM Almaden Research Center*  
 Jason (Jingsheng) Cong, *University of California at Los Angeles*  
 Perry R. Cook, *Princeton University*  
 Stephen A. Cook, *University of Toronto*  
 Jack W. Davidson, *University of Virginia*  
 Umeshwar Dayal, *Hewlett-Packard Laboratories*  
 Xiaotie Deng, *City University of Hong Kong*  
 Jose J. Garcia-Luna-Aceves, *University of California Santa Cruz; Palo Alto Research Center*  
 Michel X. Goemans, *Massachusetts Institute of Technology*  
 Patrick Hanrahan, *Stanford University*  
 Charles H. House, *Stanford University MediaX Program*  
 Watts S. Humphrey, *Carnegie Mellon University (SEI)*  
 Alan C. Kay, *Viewpoints Research Institute*  
 Joseph A. Konstan, *University of Minnesota*  
 Roy Levin, *Microsoft Research Silicon Valley*  
 P. Geoffrey Lowney, *Intel Corporation*  
 Jitendra Malik, *University of California Berkeley*  
 Kathryn S. McKinley, *The University of Texas at Austin*  
 Bertrand Meyer, *ETH Zurich*  
 John C. Mitchell, *Stanford University*  
 Joel Moses, *Massachusetts Institute of Technology*  
 J. Ian Munro, *University of Waterloo*  
 Judith S. Olson, *University of California at Irvine*  
 Lawrence C. Paulson, *University of Cambridge Computer Laboratory*  
 Hamid Pirahesh, *IBM Almaden Research Center*  
 Brian Randell, *Newcastle University*  
 Michael K. Reiter, *University of North Carolina at Chapel Hill*  
 Jennifer Rexford, *Princeton University*  
 Jonathan S. Rose, *University of Toronto*  
 Mendel Rosenblum, *Stanford University*  
 Rob A. Rutenbar, *Carnegie Mellon University*  
 Tuomas Sandholm, *Carnegie Mellon University*  
 Vivek Sarkar, *Rice University*  
 Mark S. Squillante, *IBM Thomas J. Watson Research Center*  
 Per Stenström, *Chalmers University of Technology*  
 Madhu Sudan, *Massachusetts Institute of Technology*  
 Richard Szeliski, *Microsoft Research*  
 Douglas Terry, *Microsoft Research Silicon Valley*

### **Distinguished Member**

2008-09 Co-Chairs – Marc Snir and Telle Whitney

This advanced member grade was approved by Council in October 2005. This program recognizes those ACM members with at least 15 years of professional experience that have made significant accomplishments or achieved a significant impact on the computing field. Candidates must have been ACM Professional members for a minimum of 5 years prior to the deadline. In FY'09, the categories under Distinguished Member were changed to Distinguished Educator, Distinguished Engineer, and Distinguished Scientist. There were 37 new Distinguished Members in FY'09, of which there were 11 Distinguished Engineers and 26 Distinguished Scientists which brings the

Distinguished Engineers to 36 in total, and the Distinguished Scientists to a total of 68, plus 1 Distinguished Educator.

### **Senior Member**

2008-09 Chair - Robert A. Walker

This advanced member grade was approved by Council in October 2005. This program recognizes those ACM members with at least 10 years of professional experience that have demonstrated performance and accomplishment that sets them apart. Candidates must have been ACM Professional members for a minimum of 5 years prior to the deadline. There were 601 new Senior Members in FY'09, bringing the total to 959 as of June 2009.

### **Intel International Science and Engineering Fair (ISEF)**

2008 Chair – David S. Wise 2009 Chair – Cynthia Brown

ISEF has been administered since 1950 by the Society for Science & the Public (formerly Science Service). Over 1,500 ninth through twelfth grade student winners from over 40 nations are among those who have earned the right to compete by winning top prize at a local, regional, state or national science fair.

ACM's first place award is \$1,000, second place is \$500, and third place is \$300, the honorable award winners (a maximum of 3) receive a prize of \$200. All receive complimentary Student subscriptions memberships (Portal Package) for the duration of their undergraduate studies. The 60<sup>th</sup> ISEF was held May 10-15, 2009, in Reno, Nevada, where ACM was represented by its judges Cynthia Brown and Stephen Ibaraki.

The 60th Intel ISEF ACM winners are:

First Place: Xiaowei Zhu, Shanghai, China

*A Mobile Social Networking Platform Based on Cloud Computing and Augmented Reality.*

Second Place: Vojtech Vit and Stepan Sindelar, Praha, Czech Republic

*Smart Framework Developed for Web 2.0.*

Third Place: Nelson Zhang, Shanghai, China

*The Application of Artificial Neural Networks to the Heuristic Analysis of Computer Viruses*

Honorable Mention Winners:

Matt Vitellil, Salt Lake City, Utah:

*Hybrid Light Rendering*

Vedant Kumar, Prospect, Kentucky:

*Applied Ditial Cerebovascular Segmentation.*

Yi-Ping Shih, Taiwan, Republic of China:

*Human Visual System-based Adaptive Tone*

*Reproduction for Restoring Imperceptible Details of Digital Images*

### **Recognition of Service Certificates**

The Recognition of Service Certificate Program is the responsibility of Headquarters Staff to issue certificates to those eligible volunteers who have completed service to ACM of at least one year in an elective or appointed position and who have received endorsement of their superiors in the ACM volunteer organization; 419 certificates were issued in FY'09.

### **1.4 Awards Committee Meeting**

The annual Awards Committee meeting was held Saturday, June 27, 2009, at the U.S. Grant Hotel in San Diego. Nineteen people were in attendance including:

Steve Bourne (2009 Fellows); Cynthia Brown (2009 ISEF); C.C. Gotlieb (Awards Committee Co-Chair); Vicki Hanson (2009 OCA); Juris Hartmanis (2009 ACM-Infosys Foundation); Jim Horning (Awards Committee Co-Chair); Alan Kay (2009 Turing); Kelly Lyons (2009 Grace Murray Hopper); Kathy McKeown (2008 Newell); Cherri Pancake (2008 Fellows); Brian Randell

(2008 Turing); Pat Ryan (ACM COO); Bart Selman (2009 Doctoral Dissertation); Marc Shapiro (2009 DSA); Robert A. Walker (SGB Awards Liaison/2009 Senior Member); John White (ACM CEO); David S. Wise (History Committee); Alex Wolf (2009 Software System).

A summary of the meeting follows:

### Report from the ACM Awards Committee Co-Chairs

The Award selections overall were timely and went smoothly, although with very few exceptions (Doctoral Dissertation, Fellows), the Award Committee Chairs would like to see additional nominations.

There were changes in the Fellows nomination process to streamline the process, e.g., a limit of four endorsements per endorser, and two nominations per nominator, were instituted. There was a change to the Distinguished Member program with the intent to clarify the distinctions among the three classes. The three classes are now Distinguished Educator / Engineer / Scientist. The criteria were refined to provide clarification among these categories. There was a discussion of a proposal from the ACM History Committee regarding a Curator in Chief for the Turing Award site.

Prior to the meeting, the Awards Committee voted via email to recommend that Council approve the following SIG named award:

The ACM – IEEE CS High Performance Computing Ph.D. Fellowship was renamed to the George Michael Memorial HPC Fellowship. The Awards Committee and Council suspended the requirement of the Named Awards Policy requiring a closed session discussion and vote, and voted to approve the change via email ballot.

The other SIG awards approved by the Awards Committee via email ballot were the SIGMETRICS Test of Time Award, the SIGMM Award for the Outstanding Ph.D. Thesis in Multimedia Computing, Communications and Applications, and the SIGCHI – CHI Lifetime Practice Award.

### The ACM Awards Banquet

The annual ACM Awards Banquet was held Saturday, June 27, 2009 at the U.S. Grant Hotel in San Diego, California.

In the banquet audience of over 200 people were 19 of the 44 new Fellows as well as most of the ACM award winners (the award winners who were unable to attend were Newell Award winner Vladimir Vapnik, and Software System Award winners, Robert Gerber, Goetz Graefe, Michael Heytens, and Murali M. Krishna). ACM's President Wendy Hall was the Mistress of Ceremonies. Among the corporate representatives were: Andrew Chien, Vice President in the Corporate Technology Group and Director of Research at Intel, and Alan Eustace, Senior Vice President, Engineering & Research, Google, for the Turing Award; Raj Joshi, Managing Director, Infosys Technologies, for the ACM –Infosys Foundation Award; Vice President, Engineering, and ACM Past President Stu Feldman representing Google for the Grace Murray Hopper Award presentation; and AAI President, Eric Horvitz, President AAI, Principal Researcher/Research Area Manager, Microsoft Research, representing AAI for the Allen Newell Award. Research Director Fernando Periera represented Google for the Doctoral Dissertation Award presentation. Tony Hey, Corporate Vice President of Research at Microsoft Research, represented Microsoft Research for the presentation of the SRC awards.

Also in attendance were the following Turing winners: Charles W. Bachman, Bachman Information Systems; Edward Feigenbaum, Stanford University; Juris Hartmanis, Cornell University; John E. Hopcroft, Cornell University; Richard Karp, International Computer Science Institute, Berkeley; and Alan Kay, Viewpoints Research Institute.

The 2009 winning team of the 33<sup>rd</sup> World Finals of the ACM International Collegiate Programming Contest (ICPC) was recognized at the banquet. There were 7,109 teams representing

1,838 universities from 88 countries. ICPC took place in Stockholm, Sweden, April 2009. William B. Poucher, ICPC Executive Director, and Deputy Director Jeff Donohoo, were joined on stage by the members of the winning team from the St. Petersburg State University of Information Technology, Mechanics and Optics: Vladislav Isenbaev, Maxim Buzdalov, and Eugeny Kapun, along with their advisors Vladimir Parfenov and Roman Elizarov, Coach Assistant Pavel Mavrin, and Coach Andrey Stankevich, who also coached last year's winning team.

The following winners of the ACM Student Research Competition Grand Finals joined Ann Sobel, Chair of the SRC, and Tony Hey, Corporate Vice President of Research at Microsoft Research, SRC's financial sponsor, on stage: *Graduate Category: First Place:* Xu Liu, University of Maryland; *Second Place:* Stratis Ioannidis, University of Toronto; *Third Place:* Ye Kyaw Thu, The Waseda University. *Undergraduate Category: First Place:* Alice Zhu, Harvey Mudd College; *Second Place:* Neha Singh, IIT, Bombay; *Third Place:* Sarah Loos, Indiana University. In addition, the ACM Intel ISEF winner, Xiaowei Zhu, Shanghai, China, also was recognized by ACM's President and CEO and Intel's Andrew Chien.

ACM President Dame Wendy Hall was joined on stage by Alan Eustace, Senior Vice President, Engineering and Research, representing Google, Inc., the financial sponsor of the \$10K prize, to congratulate Susan Eggers, University of Washington, as the winner of the 2009-10 ACM-W Athena Lecturer Award. This award celebrates women researchers who have made fundamental contributions to Computer Science. Professor Eggers will present the Athena Lecture at the Programming Language Design and Implementation Conference (PLDI) in Toronto on June 14, 2010.

The Computing Research Association's Distinguished Service Award was presented by CRA Chair Peter Lee (Carnegie Mellon University) to Eugene Spafford, Purdue University, for being an outstanding advocate for the cause of information security research.

#### Recruitment Plans for New/Younger Members

The Awards Committee Co-Chairs continue to seek recommendations from the outgoing award subcommittee chairs for members to replace those whose terms are expiring. In addition to seeking new members whose expertise falls within the criteria for the various awards, in the past the expectation for diversity was typically implied. Over the past several years, the request for recommendations that take into account age, gender, and international representation has been explicit.

In addition to its efforts to achieve a greater diversity within the award subcommittees, the Awards Committee will seek the assistance of the SIG Chairs to help ensure that the award nominations reflect the diversity in the ACM membership.

## Appendix