



The Association for Computing Machinery  
*Advancing Computing as a Science & Profession*

**CONTACT:** Virginia Gold  
212-626-0505  
vgold@acm.org

## **ACM NAMES 84 DISTINGUISHED MEMBERS FOR ADVANCES IN COMPUTING TECHNOLOGY THAT DROVE INNOVATION AND COMPETITIVENESS**

### **2009 Nominations from Europe and Asia Increased, Reflecting Widening Scope of ACM Activities**

**NEW YORK, NY, November 9, 2009** -- ACM (the Association for Computing Machinery)

[www.acm.org](http://www.acm.org) has named 84 of its members as Distinguished Members in recognition of their individual contributions to both the practical and theoretical aspects of computing and information technology. This year's Distinguished Members more than doubled the previous year's designees, reflecting the continued growth of ACM membership and initiatives worldwide. Nearly one third of these honorees hail from non-North American countries, including representatives from Europe, Asia, Russia, Australia, and South America. They include computer scientists, engineers, and educators from some of the world's leading corporations, research labs, and universities. The new Distinguished Members are being honored for significant advances in computing technology that have dramatically influenced progress in science, engineering, education, business, and many other areas of human endeavor.

“As an international society, ACM is pleased to recognize the growing number of nominees from countries across the globe who have met the stringent criteria required for the Distinguished Member grade,” said Professor Dame Wendy Hall, president of ACM. “These prominent men and women have demonstrated creativity, leadership, and dedication to computing and computer science. Their achievements in science, education, and engineering underpin the innovations necessary to sustain competitiveness in a global economy. We celebrate their entrepreneurial and creative spirit for the way it has changed our lives.”

The ACM Distinguished Member program can recognize the top 10 percent of ACM worldwide membership based on professional experience as well as significant achievements in the computing field. ACM's current worldwide membership exceeds 96,000.

Thirty-six of the 2009 recipients represent renowned international corporations in the high technology sector. Their multi-faceted achievements have resulted in innovations in datamining, systems engineering, memory and storage systems, processor designs, artificial intelligence, mobile services

platforms, financial services, electronic commerce, usability research, process management technology, Web searching, and optical networking protocols.

Within the academic universe, 48 recipients from prominent universities were recognized for achievements in optimization techniques, programming languages, software engineering, artificial intelligence, information retrieval modeling, computational complexity theory, design automation, behavioral authentication data, neural network techniques, natural language programming, grid computing, fault tolerance, and computational electromagnetics.

The following ACM Members have been recognized as 2009 ACM Distinguished Educators (9):

**Ben-Ari, Mordechai**, Weizmann Institute of Science  
**Carlisle, Martin C.**, United States Air Force Academy  
**Cormen, Thomas H.**, Dartmouth College  
**Dietrich, Suzanne W.**, Arizona State University  
**Geist, Robert**, Clemson University

**Kelemen, Charles F.**, Swarthmore College  
**Mead, Nancy R.**, Software Engineering Institute, Carnegie Mellon University  
**Puigjaner, Ramon C.**, University of Balearic Islands  
**Walker, Henry M.**, Grinnell College

The following ACM Members have been recognized as 2009 Distinguished Engineers (17):

**Allman, Eric**, Sendmail, Inc.  
**Bayne, Jay**, Milwaukee Institute  
**Grandison, Tyrone**, IBM Almaden Research Center  
**Ibrahim, Mamdouh**, IBM  
**Kreulen, Jeffrey T.**, IBM Research  
**McGill, James**, Morgan Stanley  
**Meglan, Dwight**, SimQuest  
**Melton, Jim**, Oracle Corp.  
**Milenkovic, Milan**, Intel

**Mukherjee, Shubhendu**, Intel Corporation  
**Mumick, Inderpal Singh**, Kirusa  
**Novack, Brian M.**, AT&T  
**Sinha, Pradeep Kumar**, Centre for Development of Advanced Computing (C-Dac)  
**Smith, Bryan F.**, IBM  
**Strassmann, Paul A.**, George Mason University  
**Tracz, William**, Lockheed Martin IS&GS  
**Wirfs-Brock, Allen**, Microsoft Corp.

The following ACM Members have been recognized as 2009 Distinguished Scientists (58):

**Antón, Ana Isabel**, North Carolina State University  
**Arge, Lars**, Aarhus University  
**Booth, Kellogg S.**, University of British Columbia  
**Cachin, Christian**, IBM Zurich Research Laboratory  
**Cherkasova, Ludmila**, Hewlett-Packard Laboratories  
**Crovella, Mark**, Boston University  
**Czerwinski, Mary**, Microsoft Research  
**Das, Sunil R.**, Troy University  
**Dillon, Laura K.**, Michigan State University  
**Draves, Richard**, Microsoft Research  
**Dustdar, Schahram**, Vienna University of Technology  
**Edwards, Keith**, Georgia Tech  
**Ellis, Carla Schlatter**, Duke University  
**Elmagarmid, Ahmed**, Purdue University  
**Fincher, Sally**, The University of Kent

**Grinter, Rebecca E.**, Georgia Institute of Technology  
**Gupta, Manish**, IBM India Research Laboratory  
**Haritsa, Jayant R.**, Indian Institute of Science  
**Hendrickson, Bruce**, Sandia National Laboratories  
**Heroux, Michael A.**, Sandia National Laboratories  
**Hind, Michael**, IBM T. J. Watson Research Center  
**Ignatyev, Mikhail Borisovich**, St. Petersburg State University of Aerospace Instrumentation  
**Karat, John**, IBM T. J. Watson Research Center  
**Kaufman, James H.**, IBM Research Division  
**Kaxiras, Stefanos**, University of Patras, Greece  
**Kornai, Andras**, Harvard University  
**Kshemkalyani, Ajay D.**, University of Illinois at Chicago  
**Ling, Tok Wang**, National University of Singapore  
**Lobo, Jorge**, IBM T. J. Watson Research Center

**Lubiw, Anna**, University of Waterloo  
**Lucena, Carlos J. P.**, Pontifical Catholic University of Rio de Janeiro  
**Mannepalli, Rao**, Lockheed Martin  
**Moreira, Jose E.**, IBM T. J. Watson Research Center  
**Nguyen, Ngoc Thanh**, Wroclaw University of Technology  
**O'Brien, James F.**, University of California, Berkeley  
**Ossher, Harold**, IBM Research  
**Padmanabhan, Venkata N.**, Microsoft Research India  
**Paternò, Fabio**, CNR-ISTI  
**Ramakrishnan, Naren**, Virginia Tech  
**Ramalingam, Ganesan**, Microsoft Research India  
**Rui, Yong**, Microsoft China R&D Group  
**Samarati, Pierangela**, Università degli Studi di Milano  
**Shahabi, Cyrus**, University of Southern California  
**Shatz, Sol M.**, University of Illinois at Chicago  
**Shenoy, Prashant**, University of Massachusetts, Amherst  
**Shipman, III, Frank M.**, Texas A&M University  
**Shoval, Peretz**, Ben-Gurion University  
**Shrira, Liuba**, Brandeis University  
**Sreedhar, Vugranam**, IBM T. J. Watson Research Labs  
**Stuckey, Peter J.**, University of Melbourne  
**Terveen, Loren G.**, University of Minnesota  
**van der Meyden, Ron**, University of New South Wales  
**Voorhees, Ellen M.**, National Institute of Standards and Technology  
**Whalley, David B.**, Florida State University  
**Wobber, Edward**, Microsoft Research Silicon Valley  
**Zhai, ChengXiang**, University of Illinois at Urbana-Champaign  
**Zhang, Liang-Jie**, IBM T. J. Watson Research Center  
**Zhou, Michelle X.**, IBM Research

For more information about the selection criteria and a complete list of 2009 Distinguished Members, click on <http://distinguished.acm.org>.

#### **About ACM**

ACM, the Association for Computing Machinery [www.acm.org](http://www.acm.org), is the world's largest educational and scientific computing society, uniting computing educators, researchers and professionals to inspire dialogue, share resources and address the field's challenges. ACM strengthens the computing profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. ACM supports the professional growth of its members by providing opportunities for life-long learning, career development, and professional networking.

#### **About the ACM Recognition Program**

The **ACM Fellows program**, initiated in 1993, celebrates the exceptional contributions of the leading members in the computing field. These individuals have helped to enlighten researchers, developers, practitioners and end-users of information technology throughout the world. The **ACM Distinguished Member program**, initiated in 2006, recognizes those members with at least 15 years of professional experience who have made significant accomplishments or achieved a significant impact on the computing field. The **ACM Senior Member program**, also initiated in 2006, includes members with at least 10 years of professional experience who have demonstrated performance that sets them apart from their peers through technical leadership, technical contributions and professional contributions. The new ACM Fellows, Distinguished Members, and Senior Members join a list of eminent colleagues to whom ACM and its members look for guidance and leadership in computing and information technology.

# # #