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

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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 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, 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.*

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