

ACM'S DISTINGUISHED MEMBERS CITED FOR ADVANCES IN COMPUTING THAT WILL YIELD REAL WORLD IMPACT

Worldwide Assemblage Includes Prominent Computer Scientists, Engineers and Educators

NEW YORK, NY, NOVEMBER 19, 2015 – From the hottest new features on our mobile devices, to efforts to prevent a cyber war from damaging critical infrastructure systems, and even the ways in which advances in database management improve our next visit to the doctor, achievements in computing tangibly impact our daily lives. In selecting 49 computing leaders as 2015 ACM Distinguished Members, the Association for Computing Machinery (ACM), the world's leading association of computing professionals, is highlighting how the work of these innovators is changing the world. This special recognition grade from ACM honors members working in the areas of education, engineering and science (*see complete list below*).

“Whenever we use an app on our phone to get driving directions, securely pay bills online, or conduct an internet search, we are benefiting from the research and efforts of computing professionals,” explains ACM President Alexander L. Wolf. “By honoring the 2015 ACM Distinguished Members, we hope to reinforce this idea. For each of our 100,000 + members around the world, learning about the achievements of their peers means connecting to new advances and promising research. For the general public, our recognition and awards program serves as a reminder that the technology we all take for granted springs from a dedicated community of professionals who are building on the foundations of their predecessors and shaping the future in significant new ways.”

The 2015 ACM Distinguished Members are drawn from leading academic institutions, as well as corporate and national research laboratories around the world. Demonstrating the global nature of ACM, the roster of 2015 ACM Distinguished Members hail from Argentina, Belgium, Canada, China, Egypt, Finland, Hong Kong, India, Japan, Portugal, Qatar, the United Kingdom, and the United States. Areas of specialty of the 2015 Distinguished Members include curriculum design, systems design and architecture, critical systems security, internet structure and security, high performance computing, human-computer interaction, programming languages, mobile and wireless networks, database management, and software

engineering. The criteria for selection to the Distinguished Member grade include at least 15 years of professional experience, five years of continuous ACM membership, and significant accomplishments or impact within the computing field.

To learn more about the nomination process, visit http://awards.acm.org/distinguished_member_nom_guide.cfm

2015 ACM DISTINGUISHED MEMBERS

Distinguished Educators:

Elizabeth K. Hawthorne
Union County College

Clifford A. Shaffer
Virginia Tech

Distinguished Engineers:

Jayanta Basak
NetApp

Donald George Firesmith
Software Engineering Institute

Nicholas Bowen
Stevens Institute of Technology

Warren A. Hunt, Jr.
The University of Texas

Kiyokuni Kawachiya
IBM Research – Tokyo

Distinguished Scientists:

Ashraf Abounaga
Qatar Computing Research Institute, HBKU

Margaret Burnett
Oregon State University

Gail-Joon Ahn
Arizona State University

Charles L. A. Clarke
University of Waterloo

N. Asokan
*Aalto University and
University of Helsinki*

James Davis
*University of California,
Santa Cruz*

Stefano Basagni
Northeastern University

George Forman
HP Labs, HP Inc.

James "Bo" Begole
Huawei R&D, USA

Andrei Gurtov
*Helsinki Institute for
Information Technology,
HIIT, Aalto University*

Rajesh R. Bordawekar
IBM T.J. Watson Research Center

Carl Gutwin
University of Saskatchewan

Hakan Hacigumus
Google

Aaron P Hertzmann
Adobe Systems

Martin Hirzel
IBM T.J. Watson Research Center

Xian-Sheng Hua
Alibaba Group

Graham Hutton
University of Nottingham

Hang Li
Huawei Technologies

Xuelong Li
Chinese Academy of Sciences, PR China

Chang-Tien Lu
Virginia Tech

Ratul Mahajan
Microsoft Corporation

Nenad Medvidovic
University of Southern California

Prabhat Mishra
University of Florida

Nachiappan Nagappan
Microsoft Research

Walid A Najjar
University of California, Riverside

Amit Anil Nanavati
IBM Research India

Nuria Oliver
Telefonica R&D

Konstantina Papagiannaki
Telefonica R&D

Ian Parberry
University of North Texas

Cynthia A. Phillips
Sandia National Laboratories

Ali Pinar
Sandia National Laboratories

Nalini K Ratha
IBM T. J. Watson Research Ctr.

Ravi Ramamoorthi
Univ. of California, San Diego

Jörg Sander
University of Alberta

Adrian Sandu
Virginia Tech

Leonel Sousa
*INESC-ID, Instituto Superior
Tecnico, Universidade de
Lisboa, Portugal*

Michela Taufer
University of Delaware

Sebastian Uchitel
*Imperial College London/
University of Buenos Aires*

Jaideep Vaidya
Rutgers University

Tao Xie
*University of Illinois
at Urbana-Champaign*

Moustafa Amin Youssef

*Egypt-Japan University
of Science and Technology*

Ben Yanbin Zhao

University of California, Santa Barbara

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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