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ACM'S DISTINGUISHED COMPUTER SCIENTISTS, ENGINEERS AND EDUCATORS CITED FOR GLOBAL REACH AND REAL-WORLD IMPACT

2014 Members Recognized for Contributions to Hardware, Software and Communications

NEW YORK, NY, December 4, 2014 -- ACM (the Association for Computing Machinery) **www.acm.org** has designated 49 scientists, engineers and educators as Distinguished Members for their individual contributions and their singular impacts on the vital field of computing. Their achievements have had a significant influence on the social, economic and cultural areas of daily lives all over the world. The 2014 Distinguished Members are from universities in Austria, Germany, Switzerland, Netherlands, Sweden, Japan, India, the United Kingdom and North America, and from leading international corporations and research institutions.

ACM President Alexander Wolf hailed these ACM members as "drivers of the advances and inventions that are propelling the information revolution in new directions. Their creativity and commitment to their craft ensures that we will benefit as a society in the digital age." He added that these innovators "demonstrate the advantages of ACM membership, which empowers and inspires a bold vision for advancing computing and the computing community."

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 100,000.

Eighty percent of the 2014 recipients are from leading international academic institutions around the world. The rest represent prominent corporate and national research laboratories from North America, Europe, India and Japan. Their achievements in critical computing areas include innovative instruction and 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 research and management, and software engineering.

For more information about the selection criteria and the 2014 Distinguished Members, click on **http://awards.acm.org/distinguished_member/**

Distinguished Members

The following ACM Members have been recognized as 2014 **Distinguished Educators:**

Judith Bishop
Microsoft Research

Mark J. Guzdial
Georgia Institute of Technology

Stephen Hilary Edwards
Virginia Tech

Kevin Wayne
Princeton University

Jeffrey Gray
University of Alabama

The following ACM Members have been recognized as a 2014 **Distinguished Engineers**:

Jose Nelson Amaral
University of Alberta

Sreeranga P. Rajan
Fujitsu Laboratories of America

The following ACM Members have been recognized as 2014 **Distinguished Scientists**:

Gabriele Anderst-Kotsis
Johannes Kepler University Linz

Yiwei Thomas Hou
Virginia Tech

Paul Barford
University of Wisconsin

Kristina Höök
Mobile Life, KTH (Royal Institute of Technology) Sweden

Clark Barrett
New York University

Ihab Francis Ilyas
University of Waterloo

Patrick Baudisch
Hasso Plattner Institute, University of Potsdam

Somesh Jha
University of Wisconsin

Valeria Bertacco
University of Michigan

David R. Kaeli
Northeastern University

Martin Burtscher
Texas State University

Li Erran Li
Bell Labs, Alcatel-Lucent

Danny Z. Chen
University of Notre Dame

Xiang-Yang Li
Illinois Institute of Technology

Jianer Chen
Texas A&M University

Jason Xiaowen Liu
Florida International University

Ed H. Chi
Google Inc.

Dmitri Loguinov
Texas A&M University

Allison Druin
University of Maryland

Gabriel Loh
AMD Research

Matthew Flatt
University of Utah

Robyn Lutz
Iowa State University

Silvia Giordano
University of Applied Sciences and Arts of Southern Switzerland (SUPSI)

Tamiya Onodera
IBM Research – Tokyo

Ganesh L. Gopalakrishnan
University of Utah

Manish Parashar
Rutgers University

Marco Gruteser
Rutgers University

Nitendra Rajput
IBM Research, India

Lynda Hardman
CWI (Centrum Wiskunde & Informatica)

Lawrence Rauchwerger
Texas A&M University

Simon Harper
University of Manchester

Binoy Ravindran
Virginia Tech

Ahmed Helmy
University of Florida

Timothy Peter Sherwood
University of California, Santa Barbara

Rajeev Shorey
TCS Innovation Lab,
Cincinnati,USA/Bangalore, India
Krishna Moorthy Sivalingam
Indian Institute of Technology Madras
Mike Spreitzer
IBM Research, Yorktown Heights
Biplav Srivastava
IBM Research, India

Miroslav N. Velev
Aries Design Automation, LLC
Duncan Moore "Hank" Walker
Texas A&M University
Hui Xiong
Rutgers University
Lenore D. Zuck
University of Illinois at Chicago

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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