NEWS RELEASE

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World’s Largest Computing Society Honors 2022 Distinguished Members for Ground-Breaking Achievements and Longstanding Participation

New York, NY, December 7, 2022 – ACM, the Association for Computing Machinery, has named 67 Distinguished Members for significant contributions. All of the 2022 inductees are longstanding ACM members and were selected by their peers for work that has spurred innovation, enhanced computer science education, and moved the field forward.

“The ACM Distinguished Members program honors both accomplishment and commitment,” said ACM President Yannis Ioannidis. “Each of these new 67 Distinguished Members have been selected for specific and impactful work, as well as their longstanding commitment to being a part of our professional association. As ACM celebrates its 75th anniversary this year, it is especially fitting to reflect on how our global membership has built our organization into what it is today. Our Distinguished Members are leaders both within ACM and throughout the computing field.”

The 2022 ACM Distinguished Members work at leading universities, corporations and research institutions in Australia, Canada, China, Finland, France, Germany, Greece, India, Italy, Japan, the Netherlands, New Zealand, Singapore, Taiwan, the United Kingdom, and the United States. ACM Distinguished Members are selected for their contributions in three separate categories: educational, engineering, and scientific. This year’s class of Distinguished Members made advancements in areas including algorithms, computer science education, cybersecurity, data management, energy efficient computer architecture, information retrieval, healthcare information technology, knowledge graph and semantic analysis, mobile computing, and software engineering, among many others.

The ACM Distinguished Member program recognizes up to 10 percent of ACM worldwide membership based on professional experience and significant achievements in the computing field. To be nominated, a candidate must have at least 15 years of professional experience in the computing field, five years of professional ACM membership in the last 10 years, and must have achieved a significant level of accomplishment or made a significant impact in the field of computing. A Distinguished Member is
expected to have served as a mentor and role model by guiding technical career development and contributing to the field beyond the norm.

2022 ACM DISTINGUISHED MEMBERS

For Outstanding Educational Contributions to Computing:

Tony Clear  
_Auckland University of Technology_

Quintin Cutts  
_University of Glasgow_

Diana Franklin  
_Undiversity of Chicago_

Dragan Gasevic  
_Monash University_

Margaret Joan Hamilton  
_RMIT University_

Guido Rößling  
_Technische Universität Darmstadt_

For Outstanding Engineering Contributions to Computing:

Michael Bendersky  
_Google_

Yu Deng  
_IBM Research_

Kaoutar El Maghraoui  
_IBM Research_

Xuanhui Wang  
_Google_

Joseph William Yoder  
_The Refactory_

For Outstanding Scientific Contributions to Computing:

Vijayalakshmi Atluri  
_Rutgers University_

Earl Theodore Barr  
_University College London_

Matthew A. Bishop  
_University of California at Davis_

Nirupama Bulusu  
_Portland State University_

Barbara Carminati  
_Università degli Studi dell'Insubria_

Enhong Chen  
_University of Science and Technology of China_

Rada Chirkova  
_North Carolina State University_

David J. Crandall  
_Indiana University_

Khuzaima Daudjee  
_University of Waterloo_

Christopher D. Gill  
_Washington University_
Dimitris Gizopoulos
National and Kapodistrian University of Athens

Dan Hao
Peking University

Ehsan Hoque
University of Rochester

Longbo Huang
Tsinghua University

Shadi Ibrahim
Inria

Salil Kanhere
University of New South Wales

Samee U. Khan
Mississippi State University

Milind Kulkarni
Purdue University

Matthew Lease
The University of Texas at Austin

Jing (Jane) Li
University of Pennsylvania

Shou-De Lin
Appier and National Taiwan University

Zhiqiang Lin
Ohio State University

Silvia Margot Lindtner
University of Michigan

Shixia Liu
Tsinghua University

Xuanzhe Liu
Peking University

Siwei Lyu
University at Buffalo, State University of New York

Zhuoqing Morley Mao
University of Michigan

Athina Markopoulou
University of California, Irvine

Wim Martens
University of Bayreuth

Joanna McGrenere
University of British Columbia

Gerome Miklau
University of Massachusetts, Amherst

Tijana Milenkovic
University of Notre Dame

Animesh Mukherjee
Indian Institute of Technology, Kharagpur

Kedar S. Namjoshi
Nokia Bell Labs

Thomas Ploetz
Georgia Institute of Technology

Michael Pradel
University of Stuttgart

Qinru Qiu
Syracuse University

Reza Rejaie
University of Oregon

Martin Robillard
McGill University

Jennifer A. Rode
University College London
Saket Saurabh
*The Institute of Mathematical Sciences*

Chirag Shah
*University of Washington*

Haiying Shen
*University of Virginia*

Li Shen
*University of Pennsylvania*

Georgios Smaragdakis
*Delft University of Technology*

Houbing Herbert Song
*University of Maryland, Baltimore County*

Yizhou Sun
*University of California, Los Angeles*

Nian-Feng Tzeng
*University of Louisiana at Lafayette*

Kaisa Väänänen
*Tampere University*

Haining Wang
*Virginia Polytechnic Institute and State University*

Harry Xu
*University of California, Los Angeles*

Kun Yang
*University of Essex*

Koji Yatani
*The University of Tokyo*

Ayal Zaks
*Mobileye*

Zibin Zheng
*Sun Yat-Sen University*

Jianying Zhou
*Singapore University of Technology and Design*

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**About ACM**

ACM, the Association for Computing Machinery, 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. To be selected as an ACM Fellow, a candidate’s accomplishments are expected to place him or her among the top 1% of ACM members. 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. ACM Distinguished Membership recognizes up to 10% of ACM’s top members. 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. ACM Senior Member status recognizes the top 25% of ACM Professional Members. 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.