NEWS RELEASE

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Renowned Computing Society Announces New Class of Distinguished Members

56 Professionals Celebrated for Innovation and Service

New York, NY, February 12, 2025 – ACM, the Association for Computing Machinery, has named 56 Distinguished Members for their impact in the field. All of the 2024 inductees are registered members of the prestigious scholarly society and were selected by their peers for significant technical achievements as well as volunteer service to their professional community.

"Each year we look forward to selecting a new class of ACM Distinguished Members from among our worldwide association of 110,000 colleagues," explained ACM President Yannis Ioannidis. "ACM's motto is 'advancing computing as a science and profession.' To fulfill our mission, we rely completely on our volunteers—from organizing technical conferences to editing research journals and managing professional development activities. In turn, all these efforts lay a foundation that supports computing professionals throughout their careers. The Distinguished Members Program not only celebrates innovation but also underscores the value of being part of a vibrant technical community."

The 2024 ACM Distinguished Members work at leading universities, corporations, and research institutions in Australia, Bangladesh, Canada, China, Cyprus, Denmark, Germany, Ireland, India, Switzerland, Turkey, the United Kingdom, and the United States. This year's class of Distinguished Members made contributions in autonomous vehicles, artificial intelligence, cybersecurity, mobile networks, software, and numerous other areas.

The ACM Distinguished Member program recognizes up to 10 percent of the worldwide ACM membership based on professional experience and significant achievements in computing beyond the norm. To be nominated, a candidate must have at least 15 years of professional experience in the field and 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. Also, a Distinguished Member is expected to have served as a mentor and role model to younger professionals.

2024 DISTINGUISHED MEMBERS

Alessandro Abate
University of Oxford
For contributions to the verification and control of learning-enabled, cyber-physical systems.

Pavan Aduri
Iowa State University
For contributions to computational complexity theory, data stream algorithms, and algorithmic foundations of replicability.

Brett A. Becker
University College Dublin
For dedication and leadership in SIGCSE and building capacity in computing education communities globally.

Ali C. Begen
Ozyegin University
For contributions to the research and development of multimedia systems, applications and protocol.

Marina Blanton
University of Buffalo
For contributions to the advancement of privacy-preserving computation.

Nicolas Bruno
Microsoft Corp.
For contributions to query optimization and physical design tuning in relational database systems.

Zhipeng Cai
Georgia State University
For contributions to data acquisition, collection, computation, and publication in wireless networks.

Meeyoung Cha
MPI-SP & KAIST
For contributions to computational social science research on misinformation, fraud detection, and poverty mapping.

Rong Chen
Shanghai Jiao Tong University

For contributions to improving the performance and scalability of distributed systems.

Yunan Chen
University of California Irvine
For contributions to the socio-technical design of health technologies.

Kaushik Chowdhury
The University of Texas at Austin
For contributions that advanced the science of spectrum access, sharing, utilization, and protocol design for intelligent radios.

Gao Cong
Nanyang Technological University
For contributions to spatial data management and spatial-temporal data mining.

Emiliano De Cristofaro
University of California, Riverside
For contributions to privacy-enhancing technologies and internet measurement.

Constantine (Konstantinos) Dovrolis
Georgia Institute of Technology/ The Cyprus Institute
For contributions to Internet measurements, network science, and neuro-inspired machine learning.

Magy Seif El-Nasr
University of California Santa Cruz
For contributions to human-computer interaction, game data science, and games for impact research.

Nicole Ellison
University of Michigan
For research contributions to social computing scholarship on communication processes such as social capital, self-presentation, and relationship formation.

Song Fu
University of North Texas
For contributions in connected autonomous vehicles and edge computing

Shahram Ghandeharizadeh
University of Southern California
For contributions to the fields of database management and multimedia systems.

Sreenivas Gollapudi
Google
For contributions to algorithmic engineering and its applications in information retrieval, game theory, social choice, and transportation.

Mohamed Hefeeda
Simon Fraser University
For research contributions to multimedia networking, peer-to-peer systems, and mobile video streaming.

Zi Helen Huang
The University of Queensland
For contributions to multimedia computing research.

Tao Ju
Washington University in St. Louis
For contributions to robust mesh processing, barycentric coordinates, and geometric computing in biomedicine.

Eren Kurshan
Princeton
For research and leadership contributions to AL/ML system design and optimization.

Zhouchen Lin
Peking University
For contributions to computer vision and machine learning.

Stephanie Ludi
University of North Texas
For contributions to accessible computer science education research.

Qiong Luo
Hong Kong University of Science and Technology
For contributions to data-intensive systems and their applications on modern computers.

Xiapu Luo
The Hong Kong Polytechnic University
For contributions to safeguarding blockchain and smart contracts along with Android and its applications.

Kim Marriott

Monash University
For contributions to programming languages, graphics and data visualization, and assistive technology research.

Cecilia Mascolo
University of Cambridge
For contributions to mobile wearable systems efficiency, and signal and data analysis enabling multidisciplinary applications.

Brad Miller
Runestone Academy LTD
For contributions to the development of recommender systems for eCommerce and interactive textbooks for computer science and mathematics.

Prateek Mittal
Princeton University
For contributions to privacy-preserving and secure systems.

Hung Q. Ngo
RelationalAI
For contributions to query evaluation and optimization algorithms.

Chunyi Peng
Purdue University
For contributions to device-based mobile network analytics and mobile sensing over sound and light.

Andrew K. Petersen
University of Toronto
For contributions to educational innovation through tools and research in computing courses using physical and online environments.

Venkatesh Babu Radhakrishnan
Indian Institute of Science, Bangalore
For contributions to deployable deep models and scalable computer vision algorithms.

Md Saidur Rahman
Bangladesh University of Engineering and Technology
For contributions to graph drawing algorithms and algorithmic graph theory.

Selma Sabanovic
Indiana University

For contributions to human-robot interaction studies on culturally sensitive design, group effects, naturalistic observation, and robot co-design.

Florian Schaub
University of Michigan
For contributions to human-centered privacy and security computing practice and impact on policy

Johannes Schöning
University of St. Gallen
For contributions to the advancement of geospatial human-computer interaction and novel user interfaces.

Kelly Shaw
Williams College
For contributions to computer architecture research and mentoring of early-career researchers.

Simon
For contributions to computing education research and innovations in conference submission and review processes.

Elena Simperl
Kings College London
For contributions to knowledge engineering, knowledge graphs, and the semantic web.

Richa Singh
Indian Institute of Technology, Jodhpur
For contributions to responsible AI and facial recognition.

Gang (Gary) Tan
Pennsylvania State University
For research contributions to software security.

Jeffrey Voas
National Institute of Standards and Technology (NIST)
For contributions to software fault injection methodologies, software testability assessments, and software certification methods.

Yu Wang
Tsinghua University
For contributions to the co-design methodology of software and hardware for energy-efficient artificial intelligence accelerators.

Allison Woodruff
Google
For contributions to the beneficial applications of technology and advancing understanding of how technology affects society.

Chuan Wu
The University of Hong Kong
For contributions to online-resource allocation in cloud computing and optimization of distributed machine learning systems.

Xin Xia
Huawei Technologies
For contributions to empirical software engineering and AI for software engineering.

Yingfei Xiong
Peking University
For contributions to program repair and synthesis.

Shouhuai Xu
University of Colorado, Colorado Springs
For contributions to the field of cybersecurity, especially cyber resilience.

Dawei Yin
Baidu
For contributions to advanced search engine and recommendation system research.

Minlan Yu
Harvard University
For the development systems and algorithms that improve the efficiency and performance of data-center networks.

Lingming Zhang
University of Illinois Urbana-Champaign
For contributions to software quality assurance and its synergy with machine learning.

Min Zhang
Tsinghua University
For contributions to information retrieval research and for service as Editor-in-Chief of *ACM Transactions on Information Systems*.

Yinqian Zhang

Southern University of Science and Technology

For contributions to the side-channel security of cloud computing and confidential computing.

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 Distinguished Members Program

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 new Distinguished 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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