



Association for
Computing Machinery

Advancing Computing as a Science & Profession

MEDIA ADVISORY

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ASSOCIATION FOR COMPUTING MACHINERY RELEASES SCHEDULE DETAILS FOR SELECTION OF 2019 CONFERENCES

Events to Showcase the Latest and Most Exciting Innovations in AI, Data Mining, Computer-Human Interaction, Software Engineering, among Other Topics

New York, NY, January 10, 2019 – ACM, the Association for Computing Machinery, the leading professional association for computer scientists and software engineers, today released event details for a selection of leading-edge research conferences taking place at various locations around the world in 2019.

Many of these conferences have earned preeminent status in their respective fields, attracting attendees from around the globe to meet with colleagues, discover innovative trends, and address pressing issues in the digital world. These ACM Special Interest Group (SIG) events vary in size and represent the many diverse subdisciplines of the computing field. Each year, ACM presents approximately 170 conferences, workshops and technical symposia.

2019 Conferences	Dates	Location
FAT*: Conference on Fairness, Accountability and Transparency	Jan. 29-31	Atlanta, Ga.
SIGCSE: Technical Symposium on Computer Science Education	Feb. 27-March 2	Minneapolis, Minn.
CHI: Conference on Human Factors in Computing Systems	May 4-9	Glasgow, UK
FCRC: Federated Computing Research Conference	June 22-28	Phoenix, Ariz.
SIGMOD/PODS: International Conference on Management of Data	June 30-July 5	Amsterdam, The Netherlands
SIGIR: Intl. Conference on Research and Development in Information Retrieval	July 21-25	Paris, France
KDD: Knowledge Discovery and Data Mining Conference	Aug. 3-8	Anchorage, Alaska
MobiCom: Conference on Mobile Computing and Networking	Aug. 24-30	Vancouver, Canada
ESEC/FSE: European Software Engineering Conference and Symposium on Foundations of Software Engineering	Aug. 26-30	Tallinn, Estonia
SIGCOMM: Conference on Data Communication	Sept. 2-7	Beijing, China

Ubicomp: International Joint Conference on Pervasive and Ubiquitous Computing	Sept. 16-20	London, UK
RecSys: Conference on Recommender Systems	Sept. 16-20	Copenhagen, Denmark
SPLASH: Conference on Systems, Programming, Languages and Applications: Software for Humanity	Oct. 20-25	Athens, Greece
MM: Multimedia Conference	Oct. 21-25	Nice, France
CSCW: Conference on Computer-Supported Cooperative Work and Social Computing	Nov. 9-13	Austin, Texas
CCS: Conference on Computer and Communications Security	Nov. 11-15	London, UK

“ACM conferences are often the first venues where computing innovations that will shape the future are unveiled,” said ACM President Cheri M. Pancake. “They are also incubators for new research —providing an invaluable opportunity for computing professionals in academia and industry to stay abreast of the latest developments in the field and network with their peers from around the globe.”

Leading conferences in 2019 include:

[ACM FAT*: ACM Conference on Fairness, Accountability and Transparency](#)

A rapidly-growing, interdisciplinary, peer-reviewed conference, ACM FAT* publishes and presents work examining the fairness, accountability, and transparency of algorithmic systems. Research work from a wide variety of disciplines, including computer science, statistics, the social sciences, and law is presented to more than 600 attendees, including academic researchers, policymakers, and practitioners.

[SIGCSE: 50th ACM Technical Symposium on Computer Science Education](#)

ACM’s Special Interest Group on Computer Science Education’s 50th annual symposium is the largest computing education conference in the world and will attract more than 1,500 participants. The event offers leading-edge research in computer science pedagogy, discussion of the field’s challenges, sharing of best practices, and advocacy. Presentations of research findings, research posters, panel discussions, special sessions and workshops will focus on computing education tailored to higher education, K-12/novice learners, diversity, advanced topics, and learning/instructional styles.

[CHI: Conference on Human Factors in Computing Systems](#)

ACM’s Special Interest Group on Computer-Human Interaction’s premier international conference is widely recognized as the world’s most important showcase for human-computer interaction (HCI). Known as CHI, it gathers more than 3,000 top researchers, scientists, and designers to present their latest research, solve their hardest problems, learn new material and build their networks. Held annually since 1982, the conference is where dozens of key HCI-generated products have been unveiled prior to market deployment, including multi-touch and 3D interaction, tangible interfaces, social networking, instant text messaging, personal health and elder care, fitness tracking, smart homes, Internet of Things, human-robot interaction and wearable devices.

[FCRC: Federated Computing Research Conference](#)

FCRC 2019 assembles a spectrum of 12 affiliated research conferences and workshops into a week-long coordinated meeting. This model retains the advantages of the smaller conferences, while at the same time, facilitates communication among researchers in different fields in computer science and engineering. Each morning, FCRC features a joint plenary talk on topics of broad appeal to the computing research community. Topics covered include programming language design and implementation, computer architecture, and measurement and modeling of computer systems. To the extent facilities allow, attendees are free to attend technical sessions of other affiliated conferences being held at the same time as their "home" conference.

[SIGMOD/PODS: International Conference on Management of Data](#)

This conference brings together ACM's Special Interest Group on Management of Data (SIGMOD), together with PODS, the premier international conference on the theoretical aspects of database systems. SIGMOD/PODS is considered the most important and selective conference in the field, attracting more than 900 researchers, practitioners and developers.

[SIGIR: 42nd International ACM Conference on Research and Development in Information Retrieval](#)

ACM's Special Interest Group on Information Retrieval, the conference is recognized as the most significant event in the field. SIGIR 2019 brings together information retrieval professionals to explore new research, systems and techniques that are changing how organizations and individuals access information. The field of IR is expansive, touching all industries and almost every aspect of our daily lives and society.

[KDD: 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining](#)

Presented by ACM's Special Interest Group on Knowledge Discovery and Data Mining, KDD is the world's longest-running and largest data mining conference, and has been the venue where concepts such as big data, data science, predictive analytics and crowdsourcing were first introduced. KDD 2019 will showcase leading-edge research papers in data science and feature exciting keynote addresses by industry leaders, as well as informative tutorials and workshops.

[MobiCom: 25th Annual International Conference on Mobile Computing and Networking](#)

ACM Special Interest Group on Mobility of Systems, Users, Data and Computing's (SIGMOBILE) flagship annual conference – now in its 25th year – is a highly selective, premier international forum for addressing networks, systems, algorithms and applications that support mobile computers and wireless networks. It is widely recognized as where the connected world of tomorrow is first seen because of the number of technologies that have been unveiled here.

[ESEC/FSE: European Software Engineering Conference and Symposium on Foundations in Software Engineering](#)

This conference, organized by the ACM Special Interest Group on Software Engineering (SIGSOFT), brings together researchers, practitioners, and educators to exchange the latest

research results and trends, as well as their practical application in all areas of software engineering. ESEC/FSE encompasses the most important developments in areas such as cloud computing; big data collection and analytics; artificial intelligence; and cybersecurity, and includes talks on recent innovations in software engineering; industry best practices; software engineering of the future; tool demonstrations; and a Student Research Competition.

[SIGCOMM: ACM Conference on Data Communication](#)

The annual flagship conference of the ACM Special Interest Group on Data Communication, SIGCOMM 2019 is considered the leading venue on the applications, technologies, architectures and protocols for wired and wireless networks. The conference will address all aspects of networks and networked systems, including packet processing, hardware and software, virtualization, mobility, sensors, energy consumption, novel applications of artificial intelligence (AI) to networking, and usability of underlying networking technologies.

[Ubicomp: 2019 ACM International Joint Conference on Pervasive and Ubiquitous Computing](#)

The annual Ubicomp conference is the premiere interdisciplinary venue for computing professionals, where leading international researchers, designers, developers and practitioners present and discuss novel results in all aspects of ubiquitous and pervasive computing. Presentations include the design, development, and deployment of ubiquitous and pervasive computing technologies, as well as a deeper look at the ways in which these technologies embed themselves in our society and permeate modern human experiences.

[RecSys: 13th ACM Conference on Recommender Systems](#)

The ACM Special Interest Group on Human-Computer Interaction's (SIGCHI) annual conference on recommender systems research is widely considered the most important annual conference of its kind. It brings together the main international research groups working in recommender systems, along with many of the world's leading e-commerce and media companies.

[SPLASH: Conference on Systems, Programming, Languages and Applications: Software for Humanity](#)

This annual conference, organized by ACM's Special Interest Group on Programming Languages (SIGPLAN), is held in conjunction with co-located conferences OOPSLA, Onward!, GPCE and SLE. The event brings together educators, researchers and industry to showcase the latest advances in software construction, delivery and engineering.

[MM: ACM Multimedia Conference](#)

The ACM Special Interest Group on Multimedia's annual conference is the premiere event for multimedia experts and practitioners across academia and industry, who gather to present advanced innovations in mobile and wearable technologies, virtual/augmented/mixed reality, multisensory research and design, and much more.

[CSCW: Computer-Supported Cooperative Work and Social Computing](#)

CSCW 2019 brings together academics, researchers and practitioners to present groundbreaking research on the technical, social, material, and theoretical challenges and

benefits of using technologies to support collaborative work and life activities. Through the presentation of cutting-edge research, the program explores technology's impact on most every aspect of society.

[CCS: ACM SIGSAC Conference on Computer and Communications Security](#)

The ACM Special Interest Group on Security, Audit and Control's flagship annual conference presents leading scientific innovations in all practical and theoretical aspects of computer and communications security and privacy. Now in its 26th year, CCS provides a venue where the leading security researchers and practitioners address the field's most pressing challenges, addressing security technologies, secure systems, security applications, and security policies.

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.

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