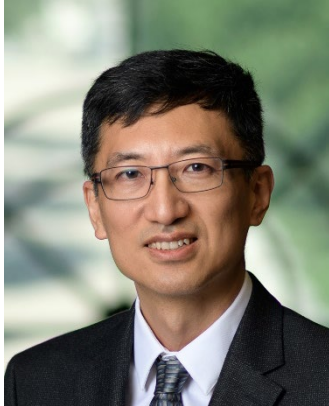


Candidate for Chair



Y. Charlie Hu
Purdue University, West Lafayette, IN, USA

BIOGRAPHY

Academic Background:

Ph.D., Harvard University, 1997, Computer Science.

Professional Experience:

Michael and Catherine Birck Professor of ECE, Purdue University, West Lafayette, IN, 2018 – Present;

Professor of ECE, Purdue University, West Lafayette, IN, 2011 – 2018;

Co-Founder, Mobile Enerlytics, LLC, IN, 2014.

Professional Interest:

Mobile Systems, Edge Computing, Wireless Networks, Smartphone Energy, Management, Operating Systems.

ACM Activities:

Steering Committee Member, ACM SIGOPS EuroSys, 2018 – 2021;

TPC Co-Chair, ACM SIGOPS EuroSys, 2018;

TPC Co-Chair, ACM SIGMOBILE MobiCom, 2016;

General Co-Chair, ACM SIGCOMM, 2014.

Membership and Offices in Related Organizations:

TPC Co-Chair, IEEE ICNP 2021, Present;

TPC Co-Chair, USENIX HotPower, 2015.

Awards Received:

IEEE Fellow, 2016;

8 US Patents on Smartphone Energy Management, 2015;

Best Student Paper Award, ACM SIGOPS EuroSys, 2012;

NSF CAREER Award, 2003.

STATEMENT

I am honored to be nominated for the position of Chair. I was first introduced to SIGMOBILE by David Johnson right before I moved from Rice to Purdue to start my faculty career in 2001. SIGMOBILE was 6 years old. Over the next two decades, I grew increasingly involved in the community, from attending and publishing in SIGMOBILE conferences, to serving on the TPC of its conferences, to co-chairing MobiCom.

Through these experiences I have gained an understanding of the deep and diverse technical expertise this community possesses, its vibrancy in advancing wireless networking and mobile computing, and the inclusive culture nourished by its past leadership teams.

As the society is entering the 5G/Cloud era, I believe the SIGMOBILE community is well positioned to take the center-stage in the next evolution of computing. I will work with the EC, the leadership team, and the entire SIGMOBILE community to:

- (1) Further the inclusiveness of the SIGMOBILE community;
- (2) Foster broader participation of the mobile industry, from major players of the mobile ecosystem to mobile technology startups;
- (3) Increase the visibility of SIGMOBILE across ACM and the computer industry, by creating new avenues of recognizing and publicizing the industry and societal impact of the research produced by our community.

Candidate for Chair



Lili Qiu
University of Texas at Austin, TX, USA

BIOGRAPHY

Academic Background:

Ph.D., Cornell University, 2001, Computer Science.

Professional Experience:

Professor, University of Texas at Austin, TX, 2015 – Present;
Assistant/Associate Professor, University of Texas at Austin, TX, 2005;
Researcher, Microsoft Research, Redmond, WA, 2001 – 2004.

Professional Interest:

Wireless Networks, Mobile systems, Network Data Analytics and Machine Learning,
Wireless Video, Wireless Sensing.

ACM Activities:

Vice Chair, SIGMOBILE, 2013 – 2017;
ACM Distinguished Scientist, 2013;
Treasurer, SIGMOBILE, 2009 – 2013;
TPC Co-Chair for MobiCom, SIGMOBILE, 2012.

Membership and Offices in Related Organizations:

TPC Co-Chair for ICNP, IEEE, 2016;
Associate Editor-in-Chief for Mobile Computing and Communication, IEEE, 2008 – 2010;
General Co-Chair for ICNP, IEEE, 2012.

Awards Received:

ACM Fellow, 2018;

IEEE Fellow, 2017;

N2Women: Stars in Computer Networking and Communications, 2017.

STATEMENT

I am truly honored to be nominated as a candidate for SIGMOBILE Chair. I humbly ask for your support. It has been my great pleasure and honor to have served as the Treasurer (2009-2013) and Vice Chair for SIGMOBILE (2013-2017). As the SIGMOBILE Treasurer and Vice Chair, I worked closely with the rest of the SIGMOBILE committee and conference organization committees to strengthen SIGMOBILE's financial health, increase SIGMOBILE funds by 12-35% annually, increase travel grants, establish new SIGMOBILE awards (e.g., Test-of-Time Awards and SIGMOBILE Dissertation Awards), and promote SIGMOBILE across the world. I have also been actively involved in SIGMOBILE conferences/journals and N2Women activities to promote research.

As 5G is being rolled out, 6G is coming, and many exciting applications are emerging, SIGMOBILE has great opportunities to make impacts. If elected, I will strive to: (1) further enhance SIGMOBILE's technical strength and financial health, (2) promote SIGMOBILE among minorities and the international community, (3) further increase travel grants and collaboration opportunities for students and researchers, (4) strengthen collaboration and interactions between industry and academia by leveraging my work experience in both environments, and (5), promote collaboration with researchers in other disciplines.

Candidate for Vice-Chair



Sharad Agarwal
Microsoft, Redmond, WA, USA

BIOGRAPHY

Academic Background:

Ph.D., UC Berkeley, 2004, Computer Science.

Professional Experience:

Senior Principal Researcher, Microsoft, Redmond, WA, 2004 – Present;
Mentor, Female Founders Alliance & Venture Out Startups & WeWork Labs, Seattle, WA, 2018 – Present;
Member & Co-Founder, Grubstakes <https://www.grubstakes.vc/>, Seattle, WA, 2016 – Present.

Professional Interest:

Transport orchestration for 5G networks running on hyperscalars; Wireless consumption of mobile apps & OSes for emerging markets; Secure legal contracts on mobile devices; Matchmaking for multiplayer games on wired & wireless networks; Workloads for edge computing and cloudlets.

ACM Activities:

ACM MobiCom 2019 General Co-Chair, SIGMOBILE, 2019;
ACM SIGMOBILE Information Director, SIGMOBILE, 2013 – 2017;
ACM MobiSys 2016 TPC Co-Chair, SIGMOBILE, 2016;
ACM Distinguished Member, 2017.

Membership and Offices in Related Organizations:

IEEE SECON 2015 TPC Co-Chair, IEEE ComSoc, 2015;
IEEE TMC Editorial Board Member, IEEE Computer Society, 2014 – 2016;
IEEE Senior Member, 2011.

STATEMENT

I request your support to serve the SIGMOBILE community. Over 15 years of being active here, many of you have gotten to know me as someone who commits 100% to anything I take on and cares deeply about quality. As SIGMOBILE Information Director, I made SIGMOBILE publications readable on smartphones by introducing ePub conversion, which then ACM adopted. I did the groundwork to rebuild SIGMOBILE's website. I have supported broader inclusivity. As MobiCom'2019 General Co-Chair, I helped us celebrate 25 years of our community's achievements and supported the largest N2Women event in the SIG's history. For MobiCom'2019 OC and MobiSys'2016 TPC, we filled almost half the positions with accomplished female leaders and many with early-career members. In Seattle, I enjoy mentoring and growing female, non-binary, and first-time tech startup founders.

I will focus on growth, diversity, and transparency. I will create opportunities to grow SIG members into ACM leaders. I will increase membership among under-represented groups, for example through online programs. I will attract more industry engagement. Just as I sent frequent newsletters as SIGMOBILE Information Director, I will push the EC to be more transparent. Please reach out to me if you have ideas we can work on together.

Candidate for Vice-Chair



Falko Dressler
TU Berlin, Germany

BIOGRAPHY

Academic Background:

Ph.D., University of Erlangen, 2003, Computer Science.

Professional Experience:

Full Professor, TU Berlin, Berlin, 2020 – Present;
Full Professor, Paderborn University, Paderborn, 2014 – 2020;
Full Professor, University of Innsbruck, Innsbruck, 2011 – 2014.

Professional Interest:

Wireless Communications, Vehicular Networking, Internet of Things, Nano Communications.

ACM Activities:

Treasurer, SIGMOBILE, 2017 – 2021;
General Co-Chair, ACM MobiSys, 2018;
ACM Distinguished Member, 2018;
General Chair, ACM MobiHoc, 2016.

Membership and Offices in Related Organizations:

Member, German National Academy of Science and Engineering (ACATECH),
2019 – Present;
TPC Co-Chair, IEEE INFOCOM, 2017;
Conference Council, IEEE COMSOC, 2016 – 2017.

Awards Received:

IEEE Fellow, 2017;

IEEE Distinguished Lecturer, 2011.

STATEMENT

I have been a SIGMOBILE member for about 15 years. In these years, I actively participated in a number of SIGMOBILE events in various capacities. This includes all the three flagship conferences MobiSys, MobiCom, and MobiHoc - two of which I have chaired. Over the years, I have realized there is a need to further support young researchers in our domain to help them in their careers and motivate them to stay with SIGMOBILE and to contribute themselves. In the past, I have organized several summer schools with our partner organization GI (German Computer Science) and will help to organize similar events for SIGMOBILE. I also bring substantial expertise from my activities within IEEE's Communications Society. As a member of the elected SIGMOBILE team, I plan to continue and, if possible, even intensify my support for the SIGMOBILE community and particularly our younger members.

Candidate for Treasurer



Yingying Chen
Rutgers University, New Brunswick, NJ, USA

BIOGRAPHY

Academic Background:

Ph.D., Rutgers, The State University of New Jersey, 2007, Computer Science.

Professional Experience:

Associate Director, WINLAB, Rutgers University, New Brunswick, NJ, 2019 – Present;
Professor, Electrical and Computer Engineering, Rutgers University, New Brunswick, NJ, 2017 – Present;
Professor, Stevens Institute of Technology, Hoboken, NJ, 2015 – 2017.

Professional Interest:

Mobile Sensing and Computing, Cyber Security and Privacy, Internet of Things, Smart Healthcare, Connected Vehicles.

ACM Activities:

Dissertation Award Co-Chair, ACM SIGMOBILE, 2019 – 2020;
Technical Program Co-Chair, ACM MobiCom, 2018;
Associate Editor, IEEE/ACM Transactions on Networking, 2018 – Present;
General Co-Chair, ACM MobiCom, 2016.

Membership and Offices in Related Organizations:

Fellow, IEEE, 2020 – Present;
Executive Officer, IEEE NJ Coast Section, 2005 – Present;
Associate Editor, IEEE Transactions on Mobile Computing, 2014 – 2019.

Awards Received:

New Jersey Inventors Hall of Fame Innovator Award, 2012;
ACM MobiCom Best Paper Award, 2011;
NSF CAREER Award, 2010;
Bell Labs Software Excellence Award, Lucent Technologies, 2004.

STATEMENT

I am honored to have been nominated for Treasurer of SIGMOBILE. I have been a member and active ACM volunteer for the past 15 years. I served as General Co-chair, TPC Co-chair, and Workshop Co-chair for MobiCom 2016, 2018, and 2019, respectively. I also served as Travel Grant Chair for MobiHoc and MobiCom. I have served as technical committee member for MobiCom, MobiSys, MobiHoc, and SenSys. In addition, I have served as PI on multiple NSF and ARO travel grants to support ACM conferences and workshops. I thus have significant experiences organizing and managing the budgets for ACM events. My experience in these various positions has prepared me well for serving you, and ACM SIGMOBILE, as Treasurer. I envision that SIGMOBILE will play a more important role as the research community becomes more interdisciplinary and the world increasingly rely on the performance and reliability of mobile sensing and computing systems. If elected, I will work with the other elected officers to further strengthen SIGMOBILE's value to the research community. In my role as Treasurer, I will focus on ensuring that we have a solid financial foundation and further work towards growing and revitalizing the community.

Candidate for Treasurer



Polly Huang
National Taiwan University, Taipei, Taiwan

BIOGRAPHY

Academic Background:

Ph.D., University of Southern California, 1999, Computer Science.

Professional Experience:

Professor, NTU, Taipei, Taiwan, 2003 – Present;
Visiting Professor, Keio University, Tokyo, Japan, 2017 – 2018;
Visiting Professor, MIT CSAIL, Cambridge MA, USA, 2013 – 2014.

Professional Interest:

Wireless Sensor Network, Mobile System, Multimedia Network, Network Measurement.

ACM Activities:

Associate Editor, ACM TWEB, 2021 – Present;
Program Co-Chair, ACM/IEEE IPSN, 2021 – Present;
General Co-Chair, ACM SenSys, 2020;
Associate Editor, ACM TOSN, 2010 – 2017.

Membership and Offices in Related Organizations:

Steering Committee Member, SenSys, 2020 – Present;
Steering Committee Member, BuildSys, 2018 – Present;
Test of Time Award Committee Member/Chair, SenSys, 2015 – 2016.

Awards Received:

SIGCOMM Networking Systems Award (NS-2), 2020;
ACM/IEEE IPSN Best Paper Award, 2012;
ACM SenSys Best Presentation Award, 2010.

STATEMENT

I am humbled and honored to be nominated for SIGMOBILE Treasurer. Being a member of the community for more than a decade and having benefited in many ways from the service of past members, it is also a pleasure having the opportunity to give back.

SIGMOBILE is in the middle of its 3rd decade and has fostered generations of researchers. Let's continue that effort, and in the meantime, GROW. Collected from my experience organizing community events in recent years (Mobisys13, Buildsys18, Sensys20, EWSN21, WWW21, IPSN21), I seek to:

- Manage SIGMOBILE's finances according to the Financial Accountability Policy of the ACM, including preparation of the annual budget and monitoring adherence to the annual budget.
- Facilitate organization of community events, including recording the event attendance/budgets in the past for reference of the upcoming organizers (for long-term analysis as well) and advising the event budget in the planning phase.
- Weigh in more to lower the cost for newcomers to participate, so we reach out to talents from geo-regions, related disciplines, and undergrad/early-year grad students that are underrepresented. This includes a lowered registration fee for students and selected workshops, as well as travel aids.

Candidate for Secretary of Membership and Communications



Mo Li
Nanyang Technological University, Singapore

BIOGRAPHY

Academic Background:

Ph.D., Hong Kong University of Science and Technology, 2010, Computer Science.

Professional Experience:

Assistant Chair, School of Computer Science and Engineering, Nanyang Technological University, Singapore, 2018 – Present;

Professor, School of Computer Science and Engineering, Nanyang Technological University, Singapore, 2020 – Present;

Associate Professor, School of Computer Science and Engineering, Nanyang Technological University, Singapore, 2016 – 2020.

Professional Interest:

Mobile Computing, Wireless Sensing and Networking, Internet of Things (IoT).

ACM Activities:

Demo Co-Chair for MobiCom'21, SIGMOBILE, 2021;

Demo Co-Chair for MobiSys'18, SIGMOBILE, 2018;

Editor of ACM Transactions on Internet of Things, 2018 – Present;

Editor of IEEE/ACM Transactions on Networking, SIGCOMM, 2016 – 2020;

Membership and Offices in Related Organizations:

Editor of IEEE Transactions on Mobile Computing, IEEE, 2015 – Present;

TPC Co-Chair of SECON'18, IEEE, 2018.

Awards Received:

Asia-Pacific Best Young Researcher Award, IEEE, 2015;
Best Paper Award, ACM SenSys 2015;
Best Paper Award, ACM MobiCom 2014;
Best Demo Award, ACM MobiCom 2012.

STATEMENT

I am honored to have been asked to run for the role of Secretary of Communications and Membership of SIGMOBILE. I have been an ACM volunteer for over 10 years, and specifically an active member of SIGMOBILE since 2016. I have been serving as committee member of various SIGMOBILE sponsored conferences (MobiCom, MobiSys, SenSys, etc.), editor of ACM journals, and many other research and service roles of ACM sponsored activities. I believe my past experiences have prepared me for serving you, and SIGMOBILE.

ACM SIGMOBILE has significantly contributed to promoting research exchange in mobile computing and related areas. If elected as the Secretary of Communications and Membership, I will work with other executive committee members and all SIGMOBILE members to devise novel schemes to attract new members and encourage the growth of SIGMOBILE beyond the traditionally represented, which may also benefit existing members in terms of increased research exchange and amplified research impact. I understand this requires better understanding of diverse culture, education, and development backgrounds, and better connections with local communities.

I hope that with your support, I will have the opportunity to significantly contribute to ensuring that ACM SIGMOBILE remains the leading special interest group on mobile computing.

Candidate for Secretary of Membership and Communications



Z. Morley Mao
University of Michigan, Ann Arbor, MI, USA

BIOGRAPHY

Academic Background:

Ph.D., University of California at Berkeley, 2003, Computer Science.

Professional Experience:

Professor, University of Michigan, Ann Arbor, MI, 2016 – Present;
Associate Professor, University of Michigan, Ann Arbor, MI, 2010 – 2016;
Assistant Professor, University of Michigan, Ann Arbor, MI, 2004 – 2010.

Professional Interest:

Mobile Systems and Networking, Network and System Security, Cyberphysical Systems, Adversarial Machine Learning for Autonomous Vehicles, Cyber-Manufacturing.

ACM Activities:

Member of Rockstar Award Selection Committee, SIGMOBILE, 2020 – Present;
Member of ACM SIGSAC Awards Selection Committee, SIGSAC, 2020;
Technical Program Co-chair for CoNext, SIGCOMM, 2021;
Technical Program Co-chair for MobiSys, SIGMOBILE, 2014.

Membership and Offices in Related Organizations:

Steering Committee Member, AsiaCCS, 2015 – 2019;
Proposal Writer and Advisor, Girls for Technology (Nonprofit Organization), 2015 – Present;
Representative of Computer Science Discipline, Information and Infrastructure Assurance (IIA) Council at UM, 2016 – Present.

Awards Received:

The George J. Huebner, Jr. Research Excellence Award (Michigan), 2017;
Best Paper Award at MobiSys, 2015;
FCC Open Internet Apps Challenge Award (Open Internet App Award), 2011;
Sloan Research Fellowship, 2009.

STATEMENT

I am very honored to run for the Secretary of Membership and Communications position in SIGMOBILE and humbly ask for your support. Given the updated title for this position, I am very excited about the possibility of defining and contributing to this important role. I have been an active member of the SIGMOBILE research community since I was an assistant professor, more than 17 years ago. Throughout this time, I have had the opportunity to serve on the technical program committee of the two flagship conferences: MobiCom and MobiSys. Therefore, I believe that I am well qualified to serve the SIGMOBILE community while actively seeking input to address the new challenges and needs.

Given the increasing importance of mobile computing, wireless networks and wearable computing, I believe that SIGMOBILE is in a unique position to reach out to a broader audience. If elected, my goals will be: 1) To increase the diversity of the SIGMOBILE membership, explore new ways to mentor junior members, and find new ways to support underrepresented groups of the community; 2) To develop innovative ways to increase engagement from industry in SIGMOBILE conference events and other activities; 3) To develop meaningful connections with other organizations, e.g., SIGSAC, SIGCOMM.

Candidate for Secretary of Membership and Communications



Tadashi Okoshi
Keio University, Fujisawa, Japan

BIOGRAPHY

Academic Background:

Ph.D., Keio University, 2015, Media and Governance.

Professional Experience:

Associate Professor, Faculty of Environment and Information Studies, Keio University, Fujisawa, Japan, 2021 – Present;

Project Associate Professor, Graduate School of Media and Governance, Keio University, Fujisawa, Japan, 2018 – 2021;

Project Senior Assistant Professor, Graduate School of Media and Governance, Keio University, Fujisawa, Japan, 2015 – 2018.

Professional Interest:

Mobile Sensing and Activity Recognition, Smart Cities and Smart Connected Communities, Human Attention Management, Ubiquitous Computing (Systems and Applications), Mobile Computing (Systems and Applications).

ACM Activities:

Vice General Chair, ACM SenSys 2020;

COVID-19 Response Research Chair, ACM SenSys 2020 / ACM BuildSys 2020;

Associate Editor, PACM on Interactive, Mobile, Wearable & Ubiquitous Technologies, 2017 – Present;

Social Media Director, SIGMOBILE, 2016 – Present.

Membership and Offices in Related Organizations:

Steering Committee, Information Processing Society of Japan, (SIGUBI), 2019 – Present;

Delegates, Japan Society for Software Science and Technology, 2019 – Present;

Planning Committee, Japan Society for Software Science and Technology, 2016 – Present.

Awards Received:

Microsoft Faculty Award (Information Processing Society of Japan), 2020.

STATEMENT

It is my great pleasure to run for the Secretary of Membership and Communications position for ACM SIGMOBILE. The development of mobile computing over the past 25 years is the culmination of research into grand challenges and opportunities in many elements, including systems, communications, algorithms, and applications. Now and in the future, with the emergence of increasingly high-speed mobile networks, new mobile machine learning technologies, and new applications and services, we need to further develop our research and contribute to society.

Along with our research itself, it is an important function of SIGMOBILE to expand the research community around the world, to encourage the development of new researchers, and to educate society about the results of research. I have served as SIGMOBILE's Social Media Director since 2016 and have been working to expand the community.

As the Secretary, I am committed to strengthening the leadership role of ACM MOBILE in the growing field of mobile computing.