

Call for Papers

MobiCom 2015, Paris, France, September 7-11

<http://www.sigmobile.org/mobicom/2015/>

As the premier conference on mobile computing and wireless networking, MobiCom 2015 solicits full papers (limited to 12 pages excluding references) that focus on theory, system, practice, and challenge of providing users with a successful mobile or wireless experience. At its core, we expect papers that address issues related to mobile computing, security, and communication challenges in the presence of various wireless and mobile networks. We strongly encourage papers on emerging mobile/wireless topics including but not limited to Internet of things, machine-to-machine communications, smart devices, wearable computing, mobile data science/analysis, mobile social networks, and crowdsourcing. We also invite papers that integrate mobile/wireless research with innovations in cloud computing and software defined networking.

Successful papers will address real research challenges through theoretical analysis, novel system design, and/or real-world measurement and deployment of mobile systems and applications. The program committee will evaluate each paper using metrics that are appropriate for the topic area. The accepted papers will be published in the conference proceedings. All submissions must describe original research, not published or currently under review for another conference or journal.

Experience Papers (New!)

The conference invites submission of short papers (limited to 8 pages excluding references) that present *extensive* experiences with implementation, deployment, and operations of mobile computing and wireless networks. Desirable papers are expected to contain real data as well as description of the practical lessons learned. The experience papers will be evaluated by the MobiCom technical program committee, primarily for (i) the richness of their data or experiences, (ii) inferences drawn or lessons learned, (iii) discovery of new problems, and (iv) their impact on current and future mobile systems and wireless networks as well as on the society. Note that a paper that builds a system and presents a limited experimental evaluation is not suitable as an experience paper. The selected experience papers will be a part of the MobiCom technical program and will be published in the conference proceedings. They should be submitted using the same submission procedure adopted for the full papers. The title of these papers must have the prefix "Experience:".

Challenge Papers

The conference also invites submission of short papers (limited to 8 pages excluding references) that present revolutionary new ideas or that challenge existing assumptions prevalent among the wireless research community. These "challenges papers" should

provide stimulating ideas or visions that may open up exciting avenues and/or influence the direction of future research. Descriptions of new products or evolution of existing work are not appropriate topics for papers in this category. While an exhaustive evaluation of the proposed ideas is not necessary, insight and in-depth understanding of the issues is expected. Challenges papers will be reviewed by the MobiCom technical program committee and will be part of the technical program and published in the MobiCom proceedings. They should be submitted using the same submission procedure adopted for the full papers. The title of these papers must have the prefix "Challenge:".

Paper Submission Instruction

All paper submissions will be handled electronically. Authors should prepare a PDF version of their full paper. Any papers that do not adhere to the following guidelines will be immediately rejected:

- Full papers - Maximum of 12 pages excluding references (i.e. submissions may include as many additional pages as needed for references)
- Experience/Challenge Papers – Maximum of 8 pages excluding references
- Font size no smaller than 10 points
- Double column format with each column having dimensions 9.25 inches × 3.33 inches, a space of 0.33 inches between the two columns, and with no more than 55 lines of text per column
- Fit properly on US letter-sized paper (8.5 inches × 11 inches)
- Authors' names must not appear anywhere in the paper or in the PDF file. The PDF file must also not contain any hyperlinks.

All submitted papers would be evaluated through a double-blind reviewing process, with the identities of the authors withheld from the reviewers. Please direct any questions about the paper submission process to the Program Co-Chairs (at mobicom_underscore_pcchairs_at_acm_dot_org).

Awards

All papers will be considered for the **Best Paper Award**. The program committee will select a number of candidates for the award among accepted regular papers. The winner will be selected at the conference, considering both the paper and the presentation.

This year, we will introduce a new award that we call the **Best Community Paper Award**. Among all the accepted papers, the program committee will select one that contributes the most to the broader research community in terms of real data or new software/hardware.

Video Presentation

The authors of each accepted paper will be asked to submit a short 1-minute video to introduce the research presented in their paper to the general public. These videos will

be placed on the conference website a few weeks before the conference, and will be played during the conference. A selected set will be featured by the social media channels related to the conference. A **best video award** will be given at the conference.

Important Dates

Abstract submission due: 5PM PST, March 4, 2015 (hard deadline)
Paper submission due: 5PM PDT, March 11, 2015 (hard deadline)
Notification of acceptance: June 5, 2015
Camera-ready due: June 26, 2015
Video submission deadline: July 24, 2015

Organizing Committee

General Co-Chairs:

Serge Fdida (UPMC/LIP6, France)
Giovanni Pau (UPMC/LIP6, France)

TPC Co-Chairs:

Sneha Kumar Kasera (University of Utah, USA)
Heather Zheng (University of California, Santa Barbara, USA)

Steering Committee:

Victor Bahl (Chair) (Microsoft Research, USA)
Suman Banerjee (University of Wisconsin-Madison, USA)
Ramesh Govindan (University of Southern California, USA)
David B. Johnson (Rice University, USA)
Kang Shin (University of Michigan, USA)

Technical Program Committee:

Victor Bahl	Microsoft Research Redmond
Aruna Balasubramanian	Stony Brook University
Sujata Banerjee	HP Labs
Suman Banerjee	University of Wisconsin-Madison
Milind Buddhikot	Bell Labs, Alcatel Lucent
Srdjan Capkun	ETH Zurich, Switzerland
Yingying Chen	Stevens Institute of Technology
Ranveer Chandra	Microsoft Research Redmond
Sabrina Gaito	Università degli Studi di Milano, Italy
Ben Greenstein	Google
Shyamnath Gollakota	University of Washington
Marco Gruteser	Rutgers University
Y. Charlie Hu	Purdue University

Wenjun Hu	Yale University
Robin Kravets	University of Illinois
Srikanth Krishnamurthy	University of California, Riverside
Sung-Ju Lee	KAIST, Korea
Ilias Leontiadis	Telefonica, Spain
Li Erran Li	Bell-labs, Alcatel Lucent
Mo Li	Nanyang Technological University, Singapore
Xiangyang Li	Illinois Institute of Technology
Yunhao Liu	Tsinghua University, China
Chenyang Lu	Washington University in St. Louis
Songwu Lu	University of California, Los Angeles
Petri Mähönen	RWTH Aachen University, Germany
Z. Morley Mao	University of Michigan, Ann Arbor
Thyaga Nandagopal	National Science Foundation
Panos Papadimitratos	KTH Royal Institute of Technology, Sweden
Guevara Noubir	Northeastern University
Neal Patwari	University of Utah
Giovanni Pau	UPMC/LIP6, France
Chunyi Peng	Ohio State University
Chiara Petrioli	University of Rome "La Sapienza", Italy
Lili Qiu	University of Texas, Austin
Bozidar Radunovic	Microsoft Research Cambridge, UK
Ramachandran Ramjee	Microsoft Research India
Eric Rozner	IBM Research
Jacky Shen	Microsoft Research Asia, China
Alex Snoeren	University of California, San Diego
Kannan Srinivasan	Ohio State University
Lakshmi Subramanian	New York University
Karthik Sundaresan	NEC
Matt Welsh	Google
Xinyu Zhang	University of Wisconsin-Madison
Lin Zhong	Rice University
Xia Zhou	Dartmouth College