

Announcement and Call for Papers

MobiCom 2000

The Sixth Annual International Conference on Mobile Computing and Networking

August 6-11, 2000, Boston, Massachusetts, USA

<http://www.research.telcordia.com/mobicom2000/>



Sponsored by ACM SIGMOBILE

PAPERS: Technical papers describing original, previously unpublished, and completed research, not currently under review by another conference or journal, are solicited on the following topics:

- Applications and computing services supporting mobile users
- Architectures, protocols, and algorithms to cope with mobility, limited bandwidth, or intermittent connectivity
- Database and data management issues in mobile computing
- Performance of mobile/wireless networks and systems
- Security and privacy of mobile/wireless systems
- Interaction between different layers of mobile/wireless systems
- Integration and interworking of wired and wireless networks
- Adaptive applications and systems for mobile environments
- Distributed-system aspects of mobile systems
- Operating system support for mobility
- Location-dependent applications
- Wireless multimedia systems
- Power management
- Mobile agents

All papers will be refereed by the program committee. Accepted papers will be published in the conference proceedings. Papers of particular merit will be proposed for publication in the ACM/Baltzer Wireless Networks (WINET) and Mobile Networks and Applications (MONET) journals.

****NOTE** SPECIAL PAPERS FOR THE CHALLENGES SESSION:** MobiCom solicits short papers (8 pages max.) that challenge the mobile computing community with new technologies or visionary applications. Such papers should provide stimulating ideas or visions that may open up exciting avenues of mobile computing research. Papers will be reviewed and should be submitted using the normal procedure. However, the papers should be clearly identified as intended for the Challenges session.

SUBMISSION INSTRUCTIONS: All paper submissions will be handled electronically. Authors should prepare a PostScript or Portable Document Format (PDF) version of their full paper. Papers must meet the following restrictions.

- No longer than 15 pages (8 pages for the Challenges papers).
- Fit properly on US Letter-sized paper (8.5 X 11 inches).
- PostScript version 2 or later, or Portable Document Format (PDF).
- Use only Computer Modern or standard Adobe printer fonts (i.e., Courier, Times, Roman, or Helvetica). Other fonts may be used, but must be included in the PostScript/PDF file.

All submitted papers will be judged based on their quality through double-blind reviewing, where the identities of the authors are withheld from the reviewers. Authors' names must not appear in the paper or in the PostScript/PDF file. Exact submission procedures will be available from <http://www.research.telcordia.com/mobicom2000/> by December 17, 1999. Please direct any questions about the submission process to the Program Co-Chairs, **Ramon Caceres** (ramon@research.att.com) and **J.J. Garcia-Luna-Aceves** (jj@cse.ucsc.edu). Paper submission deadline is February 18, 2000.

TUTORIALS: Proposals for tutorials are solicited. Evaluation of proposals will be based on the expertise and experience of the instructors, and on the relevance of the subject matter. Tutorial topics that encompass the systems aspects of mobile computing and/or practical experiences in building/deploying such systems are of particular interest. Potential instructors are requested to submit a tutorial proposal of at most 5 pages, including a biographical sketch, to the Tutorial Co-Chairs, **Nigel Davies** (nigel@comp.lancs.ac.uk) and **Venkat Padmanabhan** (padmanab@microsoft.com), by February 18, 2000.

PANELS: Panels are solicited that examine innovative, controversial, or otherwise provocative issues of interest. Panel proposals should not exceed 3 pages, including biographical sketches of the panelists. Potential panel organizers should send the proposal to the Panels Co-Chairs, **Pravin Bhagwat** (pravinb@us.ibm.com) and **Andrew Campbell** (campbell@comet.columbia.edu), by February 21, 2000.

RESEARCH DEMOS: Informal proposals for research demos are solicited. Proposals will be reviewed and selection made based on value to the community and interest level for the conference. Proposals should not exceed 3 pages and should include: the focus area in mobility, such as mobile networks, applications, interfaces etc., the technologies involved in the research, specific equipments to be used for the demo, demo layout, space required to set up the demo and possible interactions (interoperability) with other proposed demonstrations (e.g., Mobile IP implementations). Send proposals to the Demos Chair, **Ronald Hutchins** (ron.hutchins@oit.gatech.edu).

BEST STUDENT PAPER AWARD: Papers with a student as a primary author will be considered for a cash award of US\$500 for the best student paper competition. Student authors must clearly indicate with their submission that they would like to be considered for this award.

IMPORTANT DATES:
Paper submissions due: February 18, 2000
Notification of acceptance: April 28, 2000
Camera-ready version due: May 26, 2000

FOR MORE INFORMATION: Send email to mobicom2000@research.telcordia.com with any questions or comments about the conference or for more information.

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