CALL FOR PAPERS

MobiCom 2003

The Ninth Annual International Conference on Mobile Computing and Networking

September 14–19, 2003 • San Diego, California, USA
http://www.sigmobile.org/mobicom/2003/

Sponsored by ACM SIGMOBILE

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Additional committee members will be announced shortly

IMPORTANT DATES:

Paper submissions due:
March 5, 2003

Notification of acceptance:
June 16, 2003

Camera-ready version due:
July 18, 2003

FOR MORE INFORMATION:

Please contact the General Chair or Program Co-Chairs for more information. For information on ACM SIGMOBILE and the MobiCom series of conferences, see *http://www.sigmobile.org/* or contact *mobicom_info@acm.org*.

ACM MobiCom 2003, the Ninth Annual International Conference on Mobile Computing and Networking, is the ninth in a series of annual conferences sponsored by ACM SIGMOBILE dedicated to addressing the challenges in the areas of mobile computing and wireless and mobile networking. The MobiCom conference series serves as the premier international forum addressing networks, systems, algorithms, and applications that support the symbiosis of mobile computers and wireless networks. MobiCom is a highly selective, single-track conference focusing on all issues in mobile computing and wireless and mobile networking at the link layer and above. MobiCom 2003 will be held September 14–19, 2003, at the Westin Horton Plaza Hotel in beautiful, sunny San Diego, California.

PAPERS: Authors are invited to submit full papers presenting new research related to the theory or practice of mobile computing and networking. All submissions must describe original research, not published or currently under review for another conference or journal. Areas of interest include, but are not limited to:

- 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
- Operating system and middleware support for mobile computing and networking
- Distributed systems aspects of mobile computing
- New mobile and wireless applications
- Integration and interworking of wired and wireless networks
- Performance of mobile and wireless networks and systems
- Location-dependent applications and protocols
- Security and privacy of mobile/wireless systems
- Mobile ad hoc and sensor networks
- Wireless multimedia systems
- Algorithms and protocols for power management and control
- Service creation and management environments for mobile/wireless systems

The program committee will referee all papers, and accepted papers will be published in the conference proceedings. Papers of particular merit will be proposed for publication in the ACM/Kluwer *Wireless Networks* (WINET) and *Mobile Networks and Applications* (MONET) journals.

CHALLENGES PAPERS: The conference also solicits short papers (maximum of 8 pages) that challenge the mobile computing community with revolutionary new technologies or visionary applications. Such papers should provide stimulating ideas or grand visions that may open up exciting avenues of far-reaching future research; descriptions of new products or simple evolution of existing work are not appropriate as Challenges Papers. Challenges Papers will be reviewed and should be submitted using the normal submission procedure but must be clearly identified as intended as Challenges Papers.

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

- No longer than 15 pages (8 pages for Challenges submissions), in font size no smaller than 10 points.
- Fit properly on US "Letter"-sized paper (8.5 × 11 inches) with reasonable margins.
- Portable Document Format (PDF), or PostScript version 2 or later.
- Use only Computer Modern or standard Adobe printer fonts (i.e., Courier, Times, or Helvetica).
- Other fonts may be used, but must be included in the PDF/PostScript.

Detailed instructions on the paper submission procedure will be available on the conference web pages. The paper submission deadline for all papers is *March 5, 2003*. 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 or PDF file. Submitted papers (or substantially similar papers) must not be currently under review for any other publication. Please direct any questions about the paper submission process to the Program Co-Chairs at *mobicom_pcchairs@acm.org*.

TUTORIALS: Proposals for tutorials are solicited. Evaluation of tutorial proposals will be based on the expertise and experience of the instructors, and on the relevance of the subject matter. Potential instructors are requested to submit a tutorial proposal of at most 5 pages, including a biographical sketch, to the Tutorial Co-Chairs by *April 7, 2003*.

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 contact the Panel Co-Chairs by *April 21, 2003*.

RESEARCH DEMOS AND EXHIBITS: Proposals for research demos are solicited. Proposals should not exceed 3 pages and should include a description of the demo and equipment to be used. Send proposals to the Research Demo Chair by *July 26, 2003*. We are also planning an Expo featuring exhibits of the latest mobile computing products and services.

BEST STUDENT PAPER AWARD: Papers with a student as a primary author will be considered for the Best Student Paper award, with a cash award of $1000 USD. Students must indicate with their submission that they would like to be considered for this award.