



Announcement and Call for Papers

THIRD ACM/IEEE INTERNATIONAL CONFERENCE ON MOBILE COMPUTING AND NETWORKING 1997 (MobiCom'97)

Sponsored by ACM SIGMOBILE and SIGCOMM, IEEE Communications Society,
and the Hungarian Academy of Sciences

September 26–30, 1997
Budapest, Hungary

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The wireless communication revolution is bringing fundamental changes to telecommunication and computing. Wide-area cellular systems and wireless LANs promise to make integrated networks a reality and provide fully distributed and ubiquitous mobile computing and communications, thus bringing an end to the tyranny of geography. Furthermore, services for the mobile user are maturing and are poised to change the nature and scope of communication. This conference, the third of an annual series, serves as the premier international forum addressing networks, systems, algorithms, and applications that support the symbiosis of mobile computers and wireless networks.

Papers: Technical papers describing previously unpublished, original, completed research, not currently under review by another conference or journal, are solicited on topics at the link layer and above. Possible topics include, but are not limited to:

- Applications and computing services supporting mobile users
- Network architectures, protocols or service algorithms to cope with mobility, limited bandwidth, or intermittent connectivity
- Design and analysis of algorithms for mobile environments
- Security, scalability and reliability for mobile/wireless systems
- Performance of mobile/wireless networks and systems
- Network management for mobile and wireless networks
- Data management in mobile computing
- Integration and interworking of wired and wireless networks
- Influence of lower layers on the design and performance of higher layers
- Mobile network protocols
- Mobile computing
- Mobile agents
- Power management
- Wireless multimedia systems
- Satellite communication
- Location-dependent applications
- Distributed system aspects of mobile systems
- Adaptive applications interfaces for mobile systems
- Architectures of mobile/wireless networks and systems
- Traffic integration for mobile applications

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

How to Submit: All paper submission will be handled electronically. Authors should E-mail a PostScript version of their full paper to mobicom97@monarch.cs.cmu.edu. This E-mail address will become operational on **March 1, 1997**. In order to ensure that the PostScript versions of the papers can be printed, authors should be careful that their papers meet the following restrictions:

- PostScript version 2 or later.
- No longer than 15 pages.
- Fits properly on "US Letter" size paper (8.5×11 inches).
- Reference 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 file.

In addition, authors should separately E-mail the title, author names and full address, and abstract of their paper to the Program Co-Chairs, **David Johnson** (dbj@cs.cmu.edu) and **Christopher Rose** (crose@ece.rutgers.edu). 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 should not appear on the paper or in the PostScript file.

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. Potential instructors are requested to submit a tutorial proposal of at most 5 pages, including a biographical sketch, to the Tutorial Chair, **Wassim Matragi** (wassim@lucent.com).

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 Publicity Chair, **Sirin Tekinay** (stekinay@lucent.com).

Student Participation: Papers with a student as a primary author will be considered for a cash award of \$500 US Dollars for the best student paper. A cover letter must identify the paper as a candidate for the student paper competition.

Important Dates:

Submissions due:	April 21, 1997
Notification of acceptance:	June 30, 1997
Camera-ready version due:	August 15, 1997

For More Information: Please contact either of the Program Co-Chairs: **David Johnson**, dbj@cs.cmu.edu, Tel: +1 412 268 7399, Fax: +1 412 268 5576; or **Christopher Rose**, crose@ece.rutgers.edu, Tel: +1 908 445 5250, Fax: +1 908 445 2820. This Call For Papers, as well as other MobiCom'97 information, is available on the World Wide Web at <http://www.monarch.cs.cmu.edu/~mobicom97/> and on the ACM SIGMOBILE Home Page at <http://www.acm.org/sigmobile/>.