Announcement and Call for Papers

MobiCom '99
The Fifth Annual International Conference on Mobile Computing and Networking

August 15 - 19, 1999 **Seattle, Washington, USA**

http://www.acm.org/sigmobile/conf

Sponsored by ACM SIGMOBILE

Technically Co-sponsored by the IEEE Communications Society
In cooperation with ACM SIGCOMM, SIGOPS, SIGMETRICS, and SIGMOD; the USENIX Association; the IEICE; and the IEE

PAPERS: Technical papers describing previously unpublished, original, completed research, not currently under review by another conference, journal, are solicited on the following topics:

- Applications and computing services supporting mobile users
- Network architectures, protocols or service algorithms
- Database and data management issues in mobile computing
- Design and analysis of algorithms for mobile environments
- Security, scalability and reliability for mobile/wireless systems
- Performance of mobile/wireless networks and systems
- Integration and interworking of wired and wireless networks
- Power management
- Wireless multimedia systems
- Satellite communication
- Location-dependent applications
- 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).

(NEW!) SPECIAL PAPERS FOR THE MOBICOM "NEXT CENTURY 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 as regular MobiCom submissions (although they do not have to be as technical as regular submissions). However, the cover letter that accompanies the submission should be clearly marked for "MobiCom Challenges".

HOW TO SUBMIT: All paper submissions will be handled electronically. Authors should E-mail a PostScript version of their full paper to *mobicom99@cs.rutgers.edu*. This E-mail address will become operational by December 15, 1998. 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: 1) PostScript version 2 or later, 2) No longer than 15 pages, 3) Fits properly on US letter size paper (8.5 X 11 inches), 4) 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 Chairs, **Tomasz Imielinski** (*imielins@cs.rutgers.edu*) and **Martha Steenstrup** (*msteenst@bbn.com*). 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 in the paper or in the PostScript file.

PANELS AND TUTORIALS: Proposals for tutorials and panels are solicited. Potential tutoral instructors are requested to submit a tutorial proposal of at most 5 pages, including a biographical sketch, to the Tutorial Co-Chairs, **Michele Zorzi** (*zorzi@cwc.ucsd.edu*) and **Krishna Sivalingam** (*krishna@eecs.wsu.edu*) by January 15, 1999. Potential panel organizers should contact the Panels Chair, **Roy Want** (*want@parc.xerox.com*).

IMPORTANT DATES:

Submissions due:	**January 15, 1999**
Notification of acceptance:	**April 5, 1999**
Camera-ready version due:	**May 15, 1999**