

DIAL M-POMC 2007

**The Fourth ACM SIGACT-SIGOPS International Workshop on
Foundations of Mobile Computing**

August 16, 2007 – Portland, Oregon, USA

<http://www.asu.edu/DialM/>

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DIAL M-POMC, the Joint Workshop on Foundations of Mobile Computing, will be co-located with ACM PODC 2007 in Portland, Oregon, USA.

Mobile computing and communications devices will have an enormous impact on our lifestyle over the next several decades. The mobility of distributed computing components raises a number of interesting, and difficult, algorithmic issues. This workshop is devoted to algorithms and methods in the context of mobile and wireless computing and communications. The workshop is intended to foster cooperation among researchers in mobile computing and researchers in discrete and distributed algorithms.

DIAL M-POMC will be composed of invited and peer-reviewed contributed talks.

PAPERS: All submitted papers will be rigorously reviewed by technical program committee members. Accepted papers will be published in the workshop proceedings. Technical papers describing original, previously unpublished research, not currently under review by another conference or journal, are solicited. Contributions are solicited in all areas related to mobile and wireless computing and communications where discrete algorithms and methods are utilized. Specific topics include, but are not limited to:

- Channel assignment and management
- Cryptography and security
- Handover (handoff)
- Routing, multicast and broadcast
- Scheduling
- Synchronization
- Selfish behavior and cooperation
- Energy saving methods and protocols
- Ad hoc and sensor networking
- Localization and location tracking
- Error correcting codes
- Protocol optimization
- Dynamic networks
- Cooperation enforcement
- Dynamic graph algorithms
- Modeling

IMPORTANT DATES:

Paper submission due:	May 31, 2007
Notification of acceptance:	July 12, 2007
Camera-ready paper submission:	July 19, 2007

SUBMISSION INSTRUCTIONS: Authors should prepare an electronic version of their full paper (see conference website for details). Papers must not exceed 8 pages (US Letter size, 8.5 x 11 inches) including text, figures and references. The font size must be at least 9 points. Papers must be submitted through the EDAS submission system at <http://edas.info/newPaper.php?c=5591&>. For more information regarding submission, please visit <http://www.asu.edu/DialM/>.