

CALL FOR PAPERS

5th International Workshop on Mobile Distributed Computing (MDC'07)

<http://www.comp.polyu.edu.hk/~mdc07>

In conjunction with the 25th International Conference on Distributed Computing Systems
(ICDCS'07)
Toronto, Canada, June 25-29, 2007

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With the advance in mobile wireless communication technology, research in distributed computing is beginning to extend its scope to address problems relevant to mobile environments. Mobile distributed computing has emerged as a discipline of distributed systems research and practice toward support for mobility. It is concerned with creating solutions using mobile communication networks and mobile computing devices to enable the sharing of distributed resources/services and to facilitate remote collaborations while people work away from the fixed, wired facilities.

MDC'07 is the fifth in series. Following the success of the past four workshops MDC'03 in Rhode Island, USA, MDC'04 in Tokyo, Japan, MDC'05 in Columbus, Ohio, and MDC'06 in Niagara Falls, Canada, MDC'07 provides a forum for scientists and engineers in academia and industry to exchange and discuss their experiences, new ideas, and research results about all aspects of mobile distributed computing.

Topics of particular interest include, but are not limited to:

- Distributed algorithms for communication, synchronization and coordination in mobile computing environments
- Networking protocols for mobile distributed computing
- Mobile codes and agents
- Middleware support for mobile distributed computing
- Fault tolerance and security in mobile distributed environments
- Location-based services and applications
- Mobile cluster computing
- Mobile Peer-to-Peer computing
- Distributed algorithms for ubiquitous computing
- Resource/service sharing and management in mobile distributed environments
- Mobile distributed transactions
- Distributed applications in mobile environments
- Security in mobile distributed systems

Paper Submission:

MDC'07 invites authors to submit original and unpublished work. Papers must be written in English and should not exceed 8 pages in IEEE proceedings style. Authors should submit a PDF file that will print on a PostScript printer. The work presented in the paper should be original and not published or submitted elsewhere. Please visit <http://www.comp.polyu.edu.hk/~mdc07> for further instructions related to paper submissions. Submission implies the willingness of at least one of the authors to register and present the paper. Accepted papers will be published by the IEEE Computer Society Press.

Important Dates:

Papers due ----- **Jan,06 2007**
Notification of acceptance ----- **March. 11, 2007**
Camera-ready papers due ----- **April. 2, 2007**