



CALL FOR PAPERS

3rd International Workshop on Mobile Distributed Computing (MDC'05)

<http://www.comp.polyu.edu.hk/~mdc05>

In conjunction with the 25th International Conference on
Distributed Computing Systems (ICDCS'05)

Columbus, Ohio, USA, June 5-10, 2005

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'05 is the third in series. Following the success of the first two workshops MDC'03 in Rhode Island, USA and MDC'04 in Tokyo, Japan, MDC'05 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
- Environments, middleware and tool 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
- 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MDC'05 invites authors to submit original and unpublished work. Papers must be written in English and should not exceed 6 pages in IEEE proceedings style. Authors should submit a PostScript (level 2) or PDF file that will print on a PostScript printer. Electronic submission through the submission website is strongly encouraged. Hard copies will be accepted only if electronic submission is not possible. Submission implies the willingness of at least one of the authors to register and present the paper. Accepted papers will be published by IEEE Computer Society Press.

Important Dates:

Papers due -----Dec. 6, 2004
Notification of acceptance ----- Feb. 6, 2004
Camera-ready papers due ----- Mar. 1, 2005

Further Information:

For further information regarding the workshop and paper submission, please contact Prof. Cheng-zhong Xu at czxu@wayne.edu or Dr. Jiannong Cao at csjcao@comp.polyu.edu.hk

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General Co-chairs

Sajal K. Das, University of Texas at Arlington, USA

Email: das@roop.uta.edu

Jiannong Cao, Hong Kong Polytechnic University,
Hong Kong

Email: csjcao@comp.polyu.edu.hk

Program Chair

Cheng-Zhong Xu, Wayne State University, USA

Email: czxu@wayne.edu

Program Vice Chairs

Guohong Cao, Pennsylvania State University, USA

Email: gcao@cse.psu.edu

Weijia Jia, City University of Hong Kong, Hong
Kong

Email: jtjia@cityu.edu.hk

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