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1st International Workshop on Mobile Distributed Computing (MDC'03)

<http://www.comp.polyu.edu.hk/~mdc03>

In conjunction with the 23rd International Conference on
Distributed Computing Systems (ICDCS'03)

Providence, Rhode Island USA, May 19 – 22, 2003

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The special characteristics of mobile environments, such as highly variable connectivity, disconnection, location-dependency, and energy and resource sensitivity, and the diversity and flexibility introduced by mobile systems bring new challenges for research in distributed computing. Distributed computing thus needs to evolve in answer to new environments and requirements. Existing solutions, tailored primarily for wired distributed environments, need to be modified/extended, and new solutions need to be created. The principal theme of MDC'03 is the development of distributed algorithms, systems and applications for mobile computing environments. It is intended to serve as 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
- Cooperating mobile agents
- Environments, middleware and tool support for mobile distributed computing
- Fault tolerance and security in mobile distributed environments
- Location-based services and applications
- Pervasive computing
- Mobile cluster computing / Mobile grid computing / Mobile Peer-to-Peer computing
- Resource/service sharing and management in mobile distributed environments
- Mobile distributed transactions
- Distributed applications in mobile environments

Paper Submission:

MDC 2003 invites authors to submit original and unpublished work.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	----- Nov. 15, 2002
Notification of acceptance	----- Dec 30, 2002
Camera-ready papers due	----- Feb 15, 2003

Further Information:

For further information regarding the workshop and paper submission, please contact Dr. Jiannong Cao at csjcao@comp.polyu.edu.hk or Prof. Anand Tripathi at tripathi@cs.umn.edu