Fourth International Workshop on Mobile Distributed Computing
(MDC’06)

Message from the Workshop Organizers

On behalf of the organizing committee, we are pleased to present to you the proceedings of the Fourth IEEE International Workshop on Mobile Distributed Computing, MDC 2006.

MDC 2006 consolidates the success history of MDC events. MDC brings together researchers, practitioners and students working in the hottest topics of Mobile Distributed Computing. Following the tradition of the previous editions, this year’s MDC attracted very high interest among the international research community. In response to the Call for Papers we received 41 papers, equally shared between America, Asia, and Europe. The very large number of submissions, together with the fact that MDC attracted papers from worldwide, shows that MDC is now established as one of the premier forums for discussing issues in all fields related to Mobile Distributed Computing.

It was a really exciting job to define the MDC 2006 Technical Program. The members of the Technical Program Committee, together with several external reviewers, worked very hard to select the best papers among the submitted ones. Unfortunately, due to the high number of submissions and the tight constraints, several high-quality papers could not be accommodated. We finally selected 15 papers to be presented during the Workshop sessions. We believe that they constitute an excellent Program that will show innovative research directions and results, and will generate exciting discussions among MDC 2006 attendees.

The final MDC 2006 Program is divided in four sessions. Session I, entitled Network Support for Mobile Distributed Computing, presents very interesting networking architectures that can represent key building blocks of efficient Mobile Distributed Systems. Session II, entitled Data Management in Mobile Distributed Systems, collects papers discussing a challenging and fundamental issue of Mobile Distributed Computing, i.e., how data should be efficiently managed within a mobile and distributed environment. Papers accommodated in Session III, entitled Pervasive Environments, deal with issues arising in pervasive computing environments, which are surely one of the hottest, most complex and promising examples of mobile distributed scenarios. Last but not least, papers in Session IV, entitled Mobile Agents and Applications, focus on the core issue of supporting and exploiting users’ mobility in distributed environments.

Setting up such an excellent Program would not have been possible without the dedication and hard work of many colleagues. Special thanks are due to the members of the Technical Program Committee and to all external referees for their invaluable help with the paper reviews and their sense of responsibility. Many thanks also to the Publicity Co-Chairs, Hui Cheng, Mario Di Francesco and Qi Han, who advertised the Workshop so effectively. Finally, we are very grateful to all authors who considered MDC 2006 for submitting their work.

Sajal K. Das and Jiannong Cao
General Co-Chairs

Giuseppe Anastasi
Program Chair

Andrea Passarella
Vice Program Chair

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