Preface

The concept of cloud computing provides a brand new opportunity for the development of mobile applications since it allows the mobile devices to maintain a very thin layer for user applications and shift the computation and processing overhead to the virtual environment. However, mobile cloud computing is also facing many challenges such as the dependency on continuous network connections, data sharing applications and collaboration, and security. These problems must be carefully investigated before mobile cloud computing can become the next pivot element in mobile applications. The Mobile Cloud Computing (MCC) Workshop was started with this purpose in mind: to bring together researchers and practitioners in all aspects of cloud environment and mobile computing.

The call for papers attracted a lot of attention from the community and high quality submissions from the United States and Europe were received. Considering that the concept of mobile cloud computing is still in its infancy stage, the program committee decided to accept five papers and reserved more time during the workshop for invited talks and panel discussion to better shape the future development of this event. We are glad to have Dr. Ken Birman from Cornell and Mr. Steven Warner from Northrop Grumman as our distinguished speakers for the workshop.

MCC 2010 was a team effort. We would like to thank the program committee and external reviewers who worked extremely hard to get things done on time. The MDM conference organization teams were instrumental in handling the co-hosted workshops and deserve special thanks. Special thanks also go to Dr. Christian S. Jensen, Dr. Sanjay Madria, Dr. Vijay Kumar, Dr. Le Gruenwald, and Dr. Sunil Prabhakar for their support. Last, but not least we would like to thank the authors, distinguished speakers, and participants for allowing us to create such a rich experience.

We hope that you will find the workshop interesting and fun. We also hope that in the years to come, MCC will become a platform for dialogue and interaction on new concepts and applications for mobile computing. After all, our goal is to help you, the researchers, distribute your latest achievements to a broader audience.

Bharat Bhargava
MCC 2010 General Chair

Weichao Wang
MCC 2010 Program Committee Chair