Welcome to the First International Workshop on Dynamic Distributed Systems (IWDDS) in conjunction with the 26th International Conference on Distributed Computing Systems - ICDCS 2006 in Lisboa, Portugal on July 4 to 6 2006.

The idea of organizing this workshop started from a simple consideration: Dynamism is an issue that modern distributed systems cannot ignore. The ability to deal with continuing arrivals and departures of nodes in a peer-to-peer overlay network is so fundamental to be considered part of the requirements of the system itself. Similarly, to cope with changing requirements long-running distributed systems have to adapt to the changes occurring in the deployment of their own components, with new services being added, removed, or even moved from node to node. Things become even more complex when mobility becomes part of the picture. Distributed systems operating on Mobile Ad Hoc Networks must be able of providing their service despite frequent changes in the networking topology, with nodes joining and leaving the system, and links appearing and disappearing as nodes move.

Currently, every field has developed its own techniques to deal with such kind of dynamism and researchers operating in one area have largely ignored the works done in others. We believe that a unitary view of dynamic systems can help in understanding the practical and theoretical implications on their efficiency, scalability, and reliability. This is the primary goal of the workshop. The workshop has been organized in the context of the "IS-MANET" project, funded by the Italian Ministry of Education, University and Research, MIUR.
IWDDS 2006 Foreword

In response to the Call for Papers, thirteen papers from seven countries had been submitted and carefully reviewed by at least 3 reviewers each. Based on the review reports, seven of them were selected for presentation at IWDDS. The workshop also hosts a session dedicated to the topic of Distributed Applications for B2B Integration (DABI).

Putting together a workshop requires the time and effort of many people. First, we would like to thank all the authors for their hard work in preparing submissions to the workshop. We greatly thank to Prof. Michel Raynal (IRISA-IFSIC Université de Rennes, France) for delivering the keynote addressing the key topic on modelling distributed dynamic systems and Prof. Roberto Baldoni (University of Rome “La Sapienza”) for the keynote on the publish/subscribe paradigm in heterogeneous systems.

We would like to express a special thank to Prof. Antonio Corradi (University of Bologna - Italy) and to the other members of the Steering Committee for the precious suggestions for making the workshop. We deeply appreciate the support of the Program Committee for providing timely and in-depth reviews.

In addition, we would like to give our special thank to the ICDCS Workshop Chair Prof. Ricardo Jimenez-Peris (Universidad Politcnica de Madrid- UPM) and the ICDCS Local Organizer Chair, Prof. Jorge Cardoso (University of Madeira – UMA).

Last but not least, we thank the attendees of this workshop. We hope you will enjoy the program!

Roberto BERALDI and Gianpaolo CUGOLA.