Welcome from Technical Program Committee Chairs

We are very pleased to welcome you to MobiQuitous 2004, the First Annual International Conference on Mobile and Ubiquitous Systems: Networking and Services. As world-wide interest in pervasive and ubiquitous computing intensifies, MobiQuitous will bring you informative tutorials, stimulating discussions, presentation of innovative technical contributions, panels and workshop on cutting-edge topics.

The conference technical program greatly benefited from the cooperation of researchers belonging to two different communities: the mobile computing community and the services/knowledge management community. The two are inextricably linked. Advances in underlying networking and systems technology enable and open up new kinds of mobile and pervasive applications and services. Similarly, new emergent ideas and capabilities for advanced services produce both requirements and motivation to drive mobile technology. Consequently, a key objective of the technical program committee (TPC) was to bring together these two communities, providing a forum where researchers, both industrial and academic, could discuss them in a context focused on the overall system.

This inaugural conference benefited from a large number of timely and high quality submissions from leading researchers. Paper submissions were received from 26 different countries with 80% of the papers coming from academic institutions and 20% from industrial research centers. The quality of submissions was quite good, requiring extensive discussions within the TPC to make the final, difficult selection decisions. Our work was supported by the Edas web-based conference management system, allowing each TPC member to select the papers he/she felt most qualified to review. All papers received three or more independent detailed reviews from members of the TPC or leading experts in the field. Thorough discussions were then performed among the reviewers to reach consensus on the papers to be selected, leading to a high quality program of 47 papers (43 full papers and 4 short).

The main program is arranged in 15 sessions, divided into two tracks. The networking track includes high quality papers addressing localization, security, mobility, QoS support in ubiquitous systems, ad hoc networks and sensor networking. The service track provides coverage of ontologies and semantic web technologies, service discovery, matching and composition, agent-based technologies for services management and ubiquitous applications, ubiquitous architectures and systems, context and location-aware applications, profiles and policies in mobile and ubiquitous computing, data prefetching, mobility in Ubiquitous Computing.

The MobiQuitous 2004 TPC chairs would like to thank the General chairs and vice chairs and the organizing committee for their help during the whole process. Our sincere thanks go to the members of the TPC and the additional external reviewers for their efforts in reviewing all the papers, for the thorough technical discussions during the paper selection phase and for delivering an excellent technical program under severe time constraints. Finally, we thank all the authors who submitted papers for choosing MobiQuitous 2004 as the forum for presenting their work.

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