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Mobile and Ubiquitous Systems: Computing, Networking, and Services

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Volume Editors

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Preface

Welcome to the proceedings of the 7th International ICST Conference on Mobile and Ubiquitous Systems (MobiQuitous) which was held in Sydney. The conference comprised four days of workshops, conference sessions, keynote presentations, poster discussions, networking and most importantly, enjoyment.

With every passing year, MobiQuitous has grown in reputation and stature and has become a very selective venue for research publications in the broad area of mobile computing algorithms, prototypes and applications. This year was no exception. After a careful and rigorous review process and a robust discussion among the Technical Program Committee (TPC), 24 high-quality technical papers were selected from 105 submissions from around the world. In addition, there were 12 work-in-progress papers and 27 posters. I am deeply indebted to Patrick Senac and Max Ott, the TPC Chairs, for their diligent handling of the review process and for being so particular in preserving the quality of the selected papers. The conference program's ten sessions reflect this, covering a diverse range of very timely topics ranging from paper architectures to toolkits and mechanisms for privacy, energy efficiency and context awareness.

The main conference also featured two exciting and thought-provoking keynotes from speakers with very different backgrounds. The first was presented by Gordon Waddington from the University of Canberra, Australia, with a background in the movement sciences and rehabilitation fields as a sports physiotherapist and a clinical exercise physiologist. The talk titled "Towards a Personal Wellness Footprint," examined possibilities and research directions from the interface between current research in health and exercise science and new and emerging technology applications in human movement science. The second keynote was presented by Chris Winter, from the Australian Broadcasting Corporation's Innovation Division, who has a long background in new media, digital TV, technology marketing and radio. His talk titled "ABC Mobile—Connecting to Audiences in a World of Constant Change," examined how the traditional broadcasters are changing to adapt so as to provide content for mobile users.

The conference included excellent full-day workshops organized by Nikola Serbedzija (Fraunhofer FIRST), Martin Wirsing (LMU Munich), and Alois Ferscha (Universität Linz) on User-Centric Pervasive Adaptive Systems. It covered some of the most pressing issues in the design and development of pervasive systems, namely, context-aware systems, pervasive applications and ethical issues.

The organization and smooth running of Mobiquitous 2010 would not have been possible without the unselfish support we received from a number of people. It was a privilege to work with several other excellent and knowledgeable people and I am personally grateful to the TPC Chairs who enthusiastically handled

all issues related to paper submissions, to Prashanthi Jayawardhene who single-handedly made Mobiquitous happen by making all the local arrangements and managing the day-to-day running of the conference, and to Christophe Dwertman, our Web chair, for maintaining a very high quality Web presence and for his unfailing promptness in responding to my many requests as well as providing network connectivity at the conference venue. Finally, I would like to acknowledge the support of the NSW Department of State and Regional Development, which gave us the opportunity to host the conference at very short notice on their premises with a magnificent 360-degree view of Sydney.

Aruna Seneviratne

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