
Foreword

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Biographical notes: Frode Eika Sandnes received a BSc in Computer Science from the University of Newcastle upon Tyne, UK and a PhD in Computer Science from the University of Reading, UK. Currently, he is a Professor in the Department of Computer Science at Oslo University College, Norway, where he leads the work in the Interaction Research Laboratory. His research interests include human-computer interaction and universal design. He is an Editorial Board Member of several journals including *Journal of Systems and Software*.

Yan Zhang received a PhD degree from Nanyang Technological University, Singapore. From August 2006, he is working with Simula Research Laboratory, Norway. Currently, he is serving the Book Series Editor for the book series on *Wireless Networks and Mobile Communications* (Auerbach Publications, Taylor and Francis Group). He serves as Programme Co-Chair for BROADNETS 2009 and IWCMC 2009; Symposium Co-Chair for ChinaCom 2009 and ChinaCom 2008; Industrial Co-Chair for MobiHoc 2008; Program Co-Chair for UIC-08; Program Vice Co-Chair for IEEE ISM 2007 and Publication Chair for IEEE ISWCS 2007. His research interests include resource, mobility, spectrum and energy management in wireless networks and ubiquitous computing.

This Special Issue is dedicated to the best papers presented at the *Fifth International Conference on Ubiquitous and Intelligent Computing 2008 (UIC'08)* that took place during 23–25 June 2008 in Oslo, Norway. UIC'08 attracted 102 submissions from 26 countries worldwide of which only 27 manuscripts were accepted as regular papers. The fine selection of papers presented herein was selected based on the referee reports and recommendations made by the technical programme committee as well as the presentations made at the conference. We have considered academic quality, timeliness and relevance during the selection process.

Preuveneers and Berbers describe how the service-oriented paradigm can be exploited on a ubiquitous setting and especially, the context driven migration of services. Next, RFID-technology is a common building block in ubiquitous systems. Huber, Becker and Klinker outline how RFID-technology can help us achieve location aware computing. Accurate location estimates are obtained by combining RFID readings with gyroscope measurements. Next, Riekkı, Sanchez and Pyykkönen present RFID-technology as the underlying infrastructure for a physical user interface where a remote control is automatically configured by pointing at an icon representing the service. In similar manner, Huang, Chang and Sandnes exploit RFID-technology in a museum setting to achieve a richer and more interactive experience for visitors who carry an intelligent guide system on a RFID-enabled mobile device. Esposito, Tarricone, Zappatore, Catarinucci and Colella propose an ontology-based context aware framework that may be realised with RFID-technology. Finally, on the note of ontologies, Tang and Meersman report a semantic decision table to improve meaning evolution support systems.

Each contribution has been significantly revised in terms of quantity and quality and represents a more updated take on the authors' current research. Each paper has gone through a rigorous review process involving at least three anonymous reviewers that are top experts in the field. We as editors are grateful for the authors for their hard work and prompt responses to our request and the anonymous reviewers for making their valuable expertise available. We would like to express our gratitude to the Editor-in-Chief, Dr. Thanos Vasilakos, for his advice, patience and support since the beginning until the final stage.

We hope you will enjoy reading the great selection of papers in this issue.