Welcome to the latest issue of the *International Journal of Mobile Human Computer Interaction* (IJMHCI). It is hard to believe that this issue sees the IJMHCI reach its fourth birthday. There is no better time to again thank the advisors, reviewers, and of course authors, who contribute to make the IJMHCI such a thought provoking, motivating, and interesting publication. Since its inaugural issue, the IJMHCI has gone from strength to strength, seeing issues dedicated to specific themes, special issues showcasing the best papers from internationally renowned workshops and, as ever, a range of excellent research articles highlighting the diversity encompassed by the field of Mobile HCI.

In this issue, I am delighted to introduce a further PhD thesis summary paper in our ongoing commitment to celebrate the latest research talent in the field of Mobile HCI. In his article entitled *Guided Sampling Using Mobile Electronic Diaries*, Kenny Morrison provides a comprehensive overview of his PhD research (supervised by Prof. Ian Ricketts, Kenny’s PhD was awarded at the University of Dundee, UK in June 2010). Kenny introduces us to Pocket Interview, an easily configurable handheld electronic data collection and diary tool which supports the application of experience sampling methods to allow collection of data in real-time in natural environments of use. *Pocket Interview* employs a ‘guided’ approach to data collection whereby the context in which a user currently finds him/herself is automatically assessed based on use of sound information to determine the convenience of data collection prompts, with prompts being deferred if it is deemed inappropriate to ask the use for input at a given time. Kenny describes a series of studies in which *Pocket Interview* was used, highlighting its effectiveness at reducing the perceived burden associated with real-time data collection as well as increasing the response rates and quantity and quality of results returned.

In the second article, entitled *Intra-Family Mediated Awareness*, Vassilis-Javed Khan and Panos Markopoulos explore how novel pervasive technology can support intra-family communication by meeting needs that are as yet unmet by current communication media. To the field of Mobile HCI, Vassilis-Javed and Panos contribute a valuable understanding of intra-family communication needs that they suggest will drive the adoption of awareness systems as well as providing us with some direction for the design of such systems.

The IJMHCI would not be possible without the invaluable input of its advisory board members. The IJMHCI is delighted to welcome to its advisory team a new Associate Editor – Professor Mikael Wiberg, Chair of Human-Computer Interaction in the Department of Informatics and Media at Uppsala University, Sweden. Continuing a series of invited articles designed to both recognize
the contribution of the journal’s advisors and to intellectually challenge IJMHCI readers, I am honored to present an invited paper by Mikael. In Landscapes, Long Tails & Digital Materialities: Implications for Mobile HCI Research, Mikael Wiberg reflects on changes of focus within the field of Mobile HCI. His article sets out to illustrate cases which highlight the need for an updated research agenda for Mobile HCI; specifically, Mikael presents this need via “a walkthrough of a number of cases that illustrate the current development of new interaction landscapes, the long tail of interaction, and digital materialities” and discusses the implications of this agenda for Mobile HCI research. In his first appearance in the IJMHCI, Mikael is certainly challenging us to think to the future of our field!

When faced with teaching an IT-based topic, we often look to identify the best or most appropriate textbook to support us in our task. Whilst many fields within the context of computer science boast a plethora of suitable texts (HCI amongst them), there is a surprising dearth of available texts in the field of Mobile HCI. In 2006, Matt Jones and Gary Marsden published Mobile Interaction Design which set the bar high for reference books in this field. More than 5 years on, and even now one of only a few teaching-appropriate books in this field, does Mobile Interaction Design still fit the bill for our teaching needs? In the final article of this issue, a book review, Anne Kaikkonen reviews this publication, reflecting on its continued relevance.

All that remains now is for me to welcome you to this issue and trust that you will enjoy the varied and interesting discussion in these four articles.

Joanna Lumsden
Editor-in-Chief
IJMHCI

Joanna Lumsden (PhD) is a lecturer/researcher in the school of engineering and applied sciences at Aston University (Birmingham, UK) and is the lab manager of the Aston Interactive Media (AIM) Lab. Prior to moving to Aston in 2009, Joanna was a researcher with the National Research Council of Canada (NRC) and the designer and lab manager for a state-of-the-art mobile human computer interaction (HCI) evaluation lab within the NRC facility. Joanna is also an adjunct professor with the faculty of computer science at the University of New Brunswick (Canada). She obtained her BS in software engineering (Hons) from the University of Glasgow (Scotland, 1996), where she also later achieved her PhD in HCI in 2001. Her research interests and expertise are mainly in mobile HCI and associated evaluation techniques. She has served on program committees for several international HCI/general computer science conferences and was also editor of the Handbook of Research on User Interface Design and Evaluation for Mobile Technology.