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Human-Computer Interaction and Innovation in Handheld, Mobile and Wearable Technologies

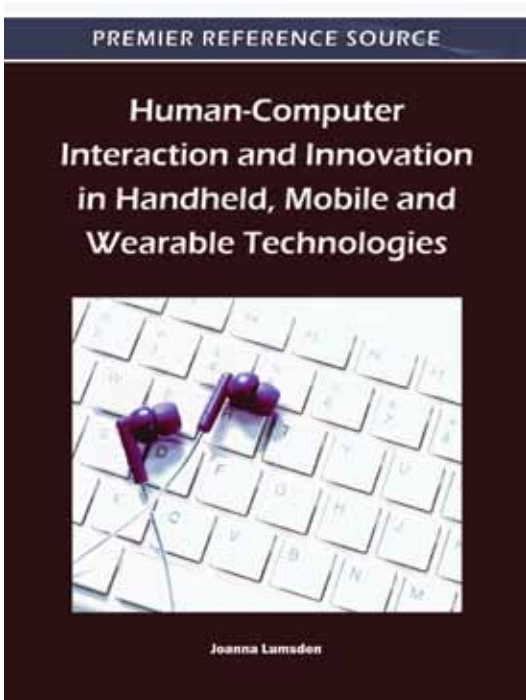
Joanna Lumsden (Aston University, UK)

Handheld and mobile technologies have witnessed significant advances in functionality, leading to their widespread use as both business and social networking tools.

Human-Computer Interaction and Innovation in Handheld, Mobile and Wearable Technologies reviews concepts relating to the design, development, evaluation, and application of mobile technologies. Studies on mobile user interfaces, mobile learning, and mobile commerce contribute to the growing body of knowledge on this expanding discipline.

Topics Covered:

- Context of personal mobile Web use
- In-car computing
- Mobile computing evaluation
- Mobile device usability
- Mobile Internet
- Mobile phone for children
- Mobile photo gallery
- Personal mobile Web behavior
- User acceptance of mobile services
- User evaluation of mobile Internet



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Joanna Lumsden (PhD) is a lecturer/researcher in the School of Engineering & Applied Sciences at Aston University (Birmingham, UK). 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 BSc 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*.



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