Preface

This book originated from a workshop at *UbiComp 2010* in Copenhagen, Denmark, in which both academic and industrial researchers presented their work in the field of mobile context awareness. The work addressed common challenges and problems encountered when using mobile devices to enable context-aware computing; from low-level sensing to middleware and applications. It is this range that forms the scope of this edited volume.

The purpose of the book is to present this work to a wider audience, particularly researchers and practitioners in the field of context-aware computing. The authors have expanded considerably on their work from the workshop, and the chapters present an overview of the capabilities, challenges and applications of mobile context-aware systems. The book is a collection of research, so it is primarily aimed at an audience of human computer interaction (HCI) researchers in both industry and academia. However, those interested in designing and implementing mobile context aware applications may find the content useful to their work.

We are grateful to our authors for their hard work in contributing the book's chapters, and our thanks to Ben Bishop and Beverley Ford at Springer for their assistance.

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http://www.springer.com/978-0-85729-624-5

Mobile Context Awareness
Lovett, T.; O'Neill, E. (Eds.)
2012, XII, 188 p., Hardcover
ISBN: 978-0-85729-624-5