

Preface

This book is a direct outgrowth of OzCHI 2013, the annual conference of the Computer-Human Interaction Special Interest Group (CHISIG) of the Human Factors and Ergonomics Society of Australia (HFSA) and Australia's leading forum for a growing international community of practitioners, researchers, academics, and students to exchange work in all areas of Human-Computer Interaction.

The conference Technical Program Committee comprised of 142 researchers, among whom 77 were from Australia and 65 were from overseas. The committee received submissions for 71 long papers, 83 short papers, and 38 student design challenge entries, from countries in Asia-Pacific, Europe, North Europe, North America, and South America. After a rigorous peer-review process, they accepted 34 long papers, 45 short papers, and 9 student design challenge finalists, overall 46% of submissions. All long and short papers were subject to double-blind peer-review with each long paper reviewed by at least three committee members and each short paper reviewed by at least two committee members. The conference proceedings were published by CHISIG and appear in the Association for Computing Machinery (ACM) Digital Library (dl.acm.org).

The theme of the conference was Augmentation, Application, Innovation, and Collaboration, which reflects a variety of technical and social challenges in designing and deploying human-centred computer applications through augmenting our daily lives with innovative interaction and collaboration technologies. The program covered a wide range of topics around this theme, including "Ubiquitous Computing," "Interface, Interaction, and Visualization," "Health and Welfare," "Learning Environments," "Gaming," "Mobile and Touch Interaction," and "Social and Collaboration Technologies."

Following the conference, 19 papers were invited as extended full chapters that addressed issues related to the cognitive effects of spatial interaction, learning, and ability. Of these 11 were accepted after a two-stage double-blind peer-review process with at least three reviewers for each paper. The chapters in this book are the result.

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