

Contents

Preface	ix
Doing the Right Thing in the Right Place: Technology, Theory and Design for Multiple and Group Activities	1
Understanding Task Grouping Strategies <i>Peter J Wild, Peter Johnson & Hilary Johnson</i>	3
Two Phenomenological Studies of Place <i>Phil Turner & Susan Turner</i>	21
The Interaction Character of Computers in Co-located Collaboration <i>Mattias Arvola</i>	37
Information Retrieval	53
How Knowledge Workers Gather Information from the Web: Implications for Peer-to-Peer File Sharing Tools <i>Jennifer Hyams & Abigail Sellen</i>	55
Evaluation of a Prototype Interface for Structured Document Retrieval <i>Jane Reid & Mark D Dunlop</i>	73
Comparing Speed-dependent Automatic Zooming with Traditional Scroll, Pan and Zoom Methods <i>Andy Cockburn & Joshua Savage</i>	87
Design Methods and Principles	103
The Application of Urban Design Principles to Navigation of Information Spaces <i>David Benyon & Bettina Wilmes</i>	105

A Method for Organizational Culture Analysis as a Basis for the Implementation of User-Centred Design into Organizations <i>Netta Iivari, Kaisu Juntunen & Ilkka Tuikkala</i>	127
Evaluation Methods	143
Changing Analysts' Tunes: The Surprising Impact of a New Instrument for Usability Inspection Method Assessment <i>Gilbert Cockton, Alan Woolrych, Lynne Hall & Mark Hindmarch</i>	145
Ontological Sketch Models: Highlighting User–System Misfits <i>Iain Connell, Thomas Green & Ann Blandford</i>	163
Interaction Techniques: Looking, Listening, Pointing, Stroking	179
Improving the Acquisition of Small Targets <i>Andy Cockburn & Andrew Firth</i>	181
A Directional Stroke Recognition Technique for Mobile Interaction in a Pervasive Computing World <i>Vassilis Kostakos & Eamonn O'Neill</i>	197
Look or Listen: Discovering Effective Techniques for Accessing Speech Data <i>Steve Whittaker & Julia Hirschberg</i>	207
E-commerce	223
Social and Cultural Obstacles to the (B2C) E-Commerce Experience <i>Liisa Dawson, Shailey Minocha & Marian Petre</i>	225
Trust at First Sight? A Test of Users' Ability to Identify Trustworthy E-commerce Sites <i>Jens Riegelsberger, M Angela Sasse & John D McCarthy</i>	243
'On the Move': Mobile Interaction	261
MovieLens Unplugged: Experiences with a Recommender System on Four Mobile Devices <i>Bradley N. Miller, Istvan Albert, Shyong K Lam, Joseph A Konstan & John Riedl</i>	263

Effective Web Searching on Mobile Devices <i>Kerry Rodden, Natasa Milic-Frayling, Ralph Sommerer & Alan Blackwell</i>	281
M-RSVP: Mobile Web Browsing on a PDA <i>Oscar de Bruijn & Chieh Hao Tong</i>	297
Accessibility	313
Fancy Graphics Can Deter Older Users: A Comparison of Two Interfaces for Exploring Healthy Lifestyle Options <i>Patricia Wright, Steve Belt & Chris John</i>	315
Towards VoiceXML Dialogue Design for Older Adults <i>Mary Zajicek, Richard Wales & Andrew Lee</i>	327
WebTouch: An Audio-tactile Browser for Visually Handicapped People <i>M Macías, A Reinoso, J González, J L García, J C Díaz & F Sánchez</i>	339
Two Falls out of Three in the Automated Accessibility Assessment of World Wide Web Sites: A-Prompt vs. Bobby <i>Dan Diaper & Linzy Worman</i>	349
‘Look at Me’: Emotions, Faces and Eyes	365
Expressive Image Generator for an Emotion Extraction Engine <i>A C Boucouvalas, Zhe Xu & David John</i>	367
An Exploration of Facial Expression Tracking in Affective HCI <i>Robert Ward, Dennise Bell & Phil Marsden</i>	383
Could I have the Menu Please? An Eye Tracking Study of Design Conventions <i>John D McCarthy, M Angela Sasse & Jens Riegelsberger</i>	401
Author Index	415
Keyword Index	417

People and Computers XVII — Designing for Society

Proceedings of HCI 2003

O'Neill, E.; Palanque, P.; Johnson, P. (Eds.)

2004, XVI, 418 p. 88 illus., Softcover

ISBN: 978-1-85233-766-7