

David Kreps · Gordon Fletcher  
Marie Griffiths (Eds.)

# Technology and Intimacy: Choice or Coercion

12th IFIP TC 9 International Conference  
on Human Choice and Computers, HCC12 2016  
Salford, UK, September 7–9, 2016  
Proceedings

# Contents

## Ethics

An Unclear Question: Who Owns Patient Information? A Kantian Take on the Concept of Datenherrschaft. . . . .	3
<i>Jani Koskinen and Kai K. Kimppa</i>	
Ethical Gathering of Exercise Metrics from Elderly: Case Jumpsattikku . . . . .	14
<i>Olli I. Heimo, Tapani N. Liukkonen, Miika Oja-Nisula, Julius Rajala, Anne Paavolainen, Kai K. Kimppa, and Tuomas Mäkilä</i>	
Assistive Technology Devices for the Oldest-Old: Maintaining Independence for the Fourth Age . . . . .	25
<i>Gillian Harvie, Kenneth Eustace, and Oliver K. Burmeister</i>	
Safety-Enhancing Locating Wearables on Passenger Ships: Privacy and Security Perceptions by the Elderly . . . . .	34
<i>Sonja Th. Kwee-Meier, Eugen Altendorf, Alexander Mertens, and Christopher M. Schlick</i>	
Balancing Act or Compromise? A Case Study Highlighting the Challenges of Trialling IT Services with the Elderly . . . . .	49
<i>Sue Hessey, Hazel Lacohee, and Rob Collingridge</i>	
Skeuomorphic Reassurance: Personhood and Dementia . . . . .	61
<i>David Kreps, Oliver K. Burmeister, and Jessica Blaynee</i>	
Ethical and Legal Issues Involved in the Pro-active Collection of Personal Information with the Aim of Reducing Online Disclosure . . . . .	72
<i>Johnny Botha, Mariki Eloff, and Marthie Grobler</i>	
A Comparative Legal Study on Data Breaches in Japan, the U.S., and the U.K. . . . .	86
<i>Kaori Ishii and Taro Komukai</i>	
Ethics and Professional Intimacy Within the Search Engine Optimisation (SEO) Industry . . . . .	106
<i>Sophie Iredale and Aleksej Heinze</i>	
A Participatory Design Program for Making Ethical Choices in Client Vendor Relations in ISD. . . . .	116
<i>Tero Vartiainen, Olli I. Heimo, and Kai K. Kimppa</i>	

Narrative Ethics of Personalisation Technologies . . . . .	130
<i>Wessel Reijers, Bert Gordijn, and Declan O'Sullivan</i>	
<b>Communications</b>	
“Break the Ice”: The Use of Technology to Initiate Communication in Public Spaces . . . . .	143
<i>Matjaž Kljun and Klen Čopič Pucihar</i>	
Enabling Socio-Economic Activities: Opening Global Markets for the Marginalized Through Secure ICT Use . . . . .	150
<i>Jackie Phahlamohlaka, David Kapaletwe, Vusi Ndala, and Lebogang Phahlamohlaka</i>	
Adoption of Social Media for the Banking Sector in Sri Lanka . . . . .	166
<i>Parakum Pathirana and Aye Aye Khin</i>	
Visualising Actor Network for Cooperative Systems in Marine Technology . . .	178
<i>Yushan Pan and Sisse Finken</i>	
“To Listen, Share, and to Be Relevant” - Learning Netiquette by Reflective Practice . . . . .	191
<i>Halvdan Haugsbakken</i>	
The Embodiment of Relationships of Adult Facebookers . . . . .	204
<i>Myrto Pirlı, Sisse Finken, and Christina Mörtberg</i>	
Manifestations of Users’ Privacy Concerns in a Formative Usability Test of Social Networking Site . . . . .	215
<i>Kimmo Tarkkanen and Ville Harkke</i>	
Denial of Choice: Group Level Disclosure of Private Information . . . . .	229
<i>Tharntip Tawnie Chutikulrungsee, Oliver K. Burmeister, Yeslam Al-Saggaf, and Maumita Bhattacharya</i>	
From Caravaggio to Braque: Digital Technology and the Illusion of Augmented Responsibility . . . . .	241
<i>Donatella Padua</i>	
Examining User Experience in an Augmented Reality Adventure Game: Case Luostarinmäki Handicrafts Museum . . . . .	257
<i>Kaapo Seppälä, Olli I. Heimo, Timo Korkalainen, Juho Pääkylä, Jussi Latvala, Seppo Helle, Lauri Härkänen, Sami Jokela, Lauri Järvenpää, Frans Saukko, Lauri Viinikkala, Tuomas Mäkilä, and Teijo Lehtonen</i>	

Using a Mobile Phone as a 2D Virtual Tracing Tool: Static Peephole  
 vs. Magic Lens . . . . . 277  
*Klen Čopič Pucihar, Matjaž Kljun, and Paul Coulton*

**Futures**

The Beginnings of Government Support for Computers  
 in Schools – The State Computer Education Centre of Victoria in the 1980s . . . . 291  
*Arthur Tatnall*

Collaborative Annotation Sharing in Physical and Digital Worlds . . . . . 303  
*Jan Grbac, Matjaž Kljun, Klen Čopič Pucihar, and Leo Gombač*

Revocable Anonymisation in Video Surveillance: A “Digital Cloak  
 of Invisibility” . . . . . 314  
*Linus Feiten, Sebastian Sester, Christian Zimmermann, Sebastian  
 Volkmann, Laura Wehle, and Bernd Becker*

Edges, Surfaces, and Spaces of Action in 21<sup>st</sup> Century Urban  
 Environments – Connectivities and Awareness in the City . . . . . 328  
*H. Patricia McKenna*

**Author Index** . . . . . 345