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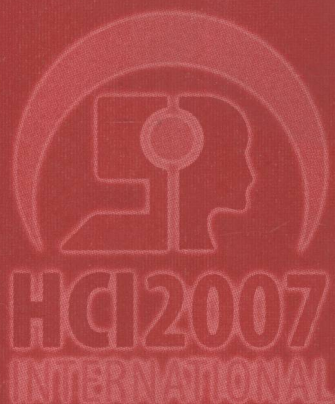
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Universal Access in Human-Computer Interaction

Coping with Diversity

4th International Conference on Universal Access
in Human-Computer Interaction, UAHCI 2007
Held as Part of HCI International 2007
Beijing, China, July 2007, Proceedings, Part I

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Held as Part of HCI International 2007
Beijing, China, July 22-27, 2007
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Constantine Stephanidis
Foundation for Research and Technology - Hellas (FORTH)
Institute of Computer Science (ICS)
70013 Heraklion, Crete, Greece
E-mail: cs@ics.forth.gr

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Foreword

The 12th International Conference on Human-Computer Interaction, HCI International 2007, was held in Beijing, P.R. China, 22-27 July 2007, jointly with the Symposium on Human Interface (Japan) 2007, the 7th International Conference on Engineering Psychology and Cognitive Ergonomics, the 4th International Conference on Universal Access in Human-Computer Interaction, the 2nd International Conference on Virtual Reality, the 2nd International Conference on Usability and Internationalization, the 2nd International Conference on Online Communities and Social Computing, the 3rd International Conference on Augmented Cognition, and the 1st International Conference on Digital Human Modeling.

A total of 3403 individuals from academia, research institutes, industry and governmental agencies from 76 countries submitted contributions, and 1681 papers, judged to be of high scientific quality, were included in the program. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas.

This volume, edited by Constantine Stephanidis, contains papers in the thematic area of Universal Access in Human-Computer Interaction, addressing the following major topics:

- Designing for Universal Access
- Universal Access Methods, Techniques and Tools
- Understanding Diversity: Motor, Perceptual and Cognitive Abilities
- Understanding Diversity: Age

The remaining volumes of the HCI International 2007 proceedings are:

- Volume 1, LNCS 4550, Interaction Design and Usability, edited by Julie A. Jacko
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- Volume 13, LNAI 4562, Engineering Psychology and Cognitive Ergonomics, edited by Don Harris
- Volume 14, LNCS 4563, Virtual Reality, edited by Randall Shumaker
- Volume 15, LNCS 4564, Online Communities and Social Computing, edited by Douglas Schuler
- Volume 16, LNAI 4565, Foundations of Augmented Cognition 3rd Edition, edited by Dylan D. Schmorrow and Leah M. Reeves
- Volume 17, LNCS 4566, Ergonomics and Health Aspects of Work with Computers, edited by Marvin J. Dainoff

I would like to thank the Program Chairs and the members of the Program Boards of all Thematic Areas, listed below, for their contribution to the highest scientific quality and the overall success of the HCI International 2007 Conference.

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April 2007

Constantine Stephanidis
General Chair, HCI International 2007

HCI International 2009

The 13th International Conference on Human-Computer Interaction, HCI International 2009, will be held jointly with the affiliated Conferences in San Diego, California, USA, in the Town and Country Resort & Convention Center, 19-24 July 2009. It will cover a broad spectrum of themes related to Human Computer Interaction, including theoretical issues, methods, tools, processes and case studies in HCI design, as well as novel interaction techniques, interfaces and applications. The proceedings will be published by Springer. For more information, please visit the Conference website: <http://www.hcii2009.org/>

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Table of Contents

Part I: Designing for Universal Access

Fundamentals of Inclusive HCI Design	3
<i>Julio Abascal and Luis Azevedo</i>	
Ensuring Access to the Information Society for People with Disabilities Through Effective use of Design for All Methodologies	10
<i>Bob Allen and Bryan Boyle</i>	
Investigating the Use and Adoption of Self-service Technology in China	19
<i>Maryam Aziz, Zhengjie Liu, Graham I. Johnson, Haixin Zhang, Junliang Chen, Huijuan Wu, and Hao Jiang</i>	
Determining Accessibility Needs Through User Goals	28
<i>Kevin Carey, Rosaria Gracia, Christopher Power, Helen Petrie, and Stefan Carmien</i>	
“It’s Not What You Do, It’s the Way That You Do It”: The Challenge Workshop - A Designer-Centred Inclusive Design Knowledge Transfer Mechanism for Different Contexts	36
<i>Julia Cassim</i>	
Meta-design to Face Co-evolution and Communication Gaps Between Users and Designers	46
<i>Maria Francesca Costabile, Daniela Fogli, Rosa Lanzilotti, Andrea Marcante, Piero Mussio, Loredana Parasiliti Provenza, and Antonio Piccinno</i>	
Enabling International Usability Using Multicultural and Geographically Disperse Teams	56
<i>Elisa del Galdo, Sushmita Munshi, and Christine Truc Modica</i>	
Shifting Paradigms in Universal Design	66
<i>Hua Dong</i>	
Dealing with the Challenges of Interpreting International User Research	75
<i>Susan M. Dray and David A. Siegel</i>	
Privacy Issues for the Disclosure of Emotions to Remote Acquaintances Without Simultaneous Communication	82
<i>Sébastien Duval, Christian Becker, and Hiromichi Hashizume</i>	

Strategic User Research at Home and Abroad	92
<i>Sheryl Ehrlich</i>	
Designing for Inclusivity	98
<i>Satinder P. Gill</i>	
CBEADS [©] : A Framework to Support Meta-design Paradigm	107
<i>Athula Ginige and Buddhima De Silva</i>	
Formats for User Data in Inclusive Design.....	117
<i>Joy Goodman, Patrick Langdon, and P. John Clarkson</i>	
Designers' Perceptions of Methods of Involving and Understanding Users	127
<i>Joy Goodman, Susannah Clarke, Patrick Langdon, and P. John Clarkson</i>	
Redesigning Earplugs: Issues Relating to Desirability and Universal Access	137
<i>Hua Dong, Stephen Green, and Neil Thomas</i>	
Universal Design and Mobile Devices	147
<i>Riitta Hellman</i>	
A Method of Design Improvement with the Structured Product Concept	157
<i>Ichiro Hirata and Toshiki Yamaoka</i>	
Scenario-Based Design as an Approach to Enhance User Involvement and Innovation	164
<i>Veikko Ikonen</i>	
Customer-Centered Product and Brand Experience Design in China – What HP Is Learning	174
<i>Linn Johnk, Zhengxuan Zhao, and Nan-Xiang Sheng</i>	
A Study of Motivated Interface Based on Human Centered Design	179
<i>Atsuko Kuramochi and Chiharu Yamamoto</i>	
Children – Computer Interaction: An Inclusive Design Process for the Design of Our Future Playground	187
<i>Lee Yanki</i>	
Local Voice in a Global World – User-Centered Design in Support of Everyday Practices	197
<i>Kirsti Lehtimäki and Taina Rajanti</i>	
Designing “Height” into Daily Used Products - A Case Study of Universal Design	207
<i>Rungtai Lin, Shih-Wei Yang, Wun-Sin Siao, Han-yu Lin, and Yen-Yu Kang</i>	

Designing Data to be Inclusive: Enabling Cross-Disciplinary and Participative Processes	217
<i>Alastair S. Macdonald and David Loudon</i>	
The UD Phenomenon in Japan: Product Innovation Through Universal Design.....	224
<i>Alastair S. Macdonald</i>	
Search String Analysis from a Socio-economic Perspective	234
<i>Theo Mc Donald and Pieter Blignaut</i>	
A Conceptual Model of Inclusive Technology for Information Access by the Rural Sector	243
<i>K. Pitula and T. Radhakrishnan</i>	
Focussing on Extra-Ordinary Users	253
<i>Graham Pullin and Alan Newell</i>	
Augmented Cognition Foundations and Future Directions—Enabling “Anyone, Anytime, Anywhere” Applications.....	263
<i>Leah M. Reeves and Dylan D. Schmorrow</i>	
Privacy and Interruptions in Team Awareness Systems.....	273
<i>Carsten Röcker and Carsten Magerkurth</i>	
On Developing Validator Software XValid for Testing Home Pages of Universal Design	284
<i>Cecília Sik Lányi, Sándor Forrai, Nóra Czank, and Ágnes Hajgató</i>	
Accessibility, Usability, Safety, Ergonomics: Concepts, Models, and Differences	294
<i>Klaus Peter Wegge and Dirk Zimmermann</i>	
How Inclusively Designed Mainstream Products Can Lead to Fresh Thinking in Home Adaptation	302
<i>Alison Wright</i>	
Designing for Participation in Socio-technical Software Systems	312
<i>Yunwen Ye and Gerhard Fischer</i>	

Part II: Universal Access Methods, Techniques and Tools

Towards a Walkthrough Method for Universal Access Evaluation.....	325
<i>Margherita Antona, Alexandros Mourouzis, and Constantine Stephanidis</i>	

An Architecture for Adaptive and Adaptable Mobile Applications for Physically Handicapped People	335
<i>Matthias Betz, Mahmudul Huq, Volkmар Pipek, Markus Rohde, Gunnar Stevens, Roman Englert, and Volker Wulf</i>	
Real-Time Image Correction for Interactive Environment	345
<i>Hyunchul Choi, Dongwuk Kyoung, and Keechul Jung</i>	
A User-Based Method for Speech Interface Development	355
<i>Yael Dubinsky, Tiziana Catarci, and Stephen Kimani</i>	
iTeach: Ergonomic Evaluation Using Avatars in Immersive Environments	365
<i>Hilko Hoffmann, Roman Schirra, Phil Westner, Katrin Meinken, and Manfred Dangelmaier</i>	
Survey Design for Visually Impaired and Blind People	374
<i>Lars Kaczmarek and Klaus G. Wolff</i>	
Tile Dreamer: Game Tiles Made Easy	382
<i>E. Karouzaki, A. Savidis, A. Katzourakis, and C. Stephanidis</i>	
Remote Usability Tests – An Extension of the Usability Toolbox for Online-Shops	392
<i>Tim Bosenick, Steffen Kehr, Martina Kühn, and Stephan Nufer</i>	
A Practical Inter-sensor Broadcast Authentication Scheme	399
<i>Joon Wan Kim, Yong Ho Kim, Hwaseong Lee, and Dong Hoon Lee</i>	
Development of Automatic Web Accessibility Checking Modules for Advanced Quality Assurance Tools	406
<i>Johannes Koch, Dirk Stegemann, Yehya Mohamad, and Carlos A Velasco</i>	
Knowledge-Based User Authentication Associated with Biometrics	414
<i>Taekyoung Kwon and Hyeonjoon Moon</i>	
Taking Account of the Needs of Software Developers/Programmers in Universal Access Evaluations	420
<i>Chris M. Law and Elspeth McKay</i>	
Biometric Digital Key Mechanisms for Telebiometric Authentication Based on Biometric Certificate.....	428
<i>Hyung-Woo Lee and Taekyoung Kwon</i>	
I See Your Voice: The Development of Image Caption Generating Software and On-Line User Community for the Auditory Disabled	438
<i>Kyungho Lim and Joonsung Yoon</i>	