Lecture Notes in Computer Science

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Foreword

The 14th International Conference on Human–Computer Interaction, HCI International 2011, was held in Orlando, Florida, USA, July 9–14, 2011, jointly with the Symposium on Human Interface (Japan) 2011, the 9th International Conference on Engineering Psychology and Cognitive Ergonomics, the 6th International Conference on Universal Access in Human–Computer Interaction, the 4th International Conference on Virtual and Mixed Reality, the 4th International Conference on Internationalization, Design and Global Development, the 4th International Conference on Online Communities and Social Computing, the 6th International Conference on Augmented Cognition, the Third International Conference on Digital Human Modeling, the Second International Conference on Human-Centered Design, and the First International Conference on Design, User Experience, and Usability.

A total of 4,039 individuals from academia, research institutes, industry and governmental agencies from 67 countries submitted contributions, and 1,318 papers that were 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 A. Ant Ozok and Panayiotis Zaphiris, contains papers in the thematic area of online communities and social computing (OCSC), addressing the following major topics:

- On-line communities and intelligent agents in education and research
- Blogs, wikis and twitters
- Social computing in business and the enterprise
- Social computing in everyday life
- Information management in social computing

The remaining volumes of the HCI International 2011 Proceedings are:

- Volume 1, LNCS 6761, Human–Computer Interaction—Design and Development Approaches (Part I), edited by Julie A. Jacko
- Volume 2, LNCS 6762, Human–Computer Interaction—Interaction Techniques and Environments (Part II), edited by Julie A. Jacko
- Volume 3, LNCS 6763, Human–Computer Interaction—Towards Mobile and Intelligent Interaction Environments (Part III), edited by Julie A. Jacko
- Volume 4, LNCS 6764, Human–Computer Interaction—Users and Applications (Part IV), edited by Julie A. Jacko
- Volume 5, LNCS 6765, Universal Access in Human–Computer Interaction—Design for All and eInclusion (Part I), edited by Constantine Stephanidis
I would like to thank the Program Chairs and the members of the Program Boards of all Thematic Areas, listed herein, for their contribution to the highest scientific quality and the overall success of the HCI International 2011 Conference.

In addition to the members of the Program Boards, I also wish to thank the following volunteer external reviewers: Roman Vilimek from Germany, Ramalingam Ponnusamy from India, Si Jung “Jun” Kim from the USA, and Ilia Adami, Iosif Klironomos, Vassilis Kouroumalis, George Margetis, and Stavroula Ntoa from Greece.
This conference would not have been possible without the continuous support and advice of the Conference Scientific Advisor, Gavriel Salvendy, as well as the dedicated work and outstanding efforts of the Communications and Exhibition Chair and Editor of HCI International News, Abbas Moallem.

I would also like to thank for their contribution toward the organization of the HCI International 2011 Conference the members of the Human–Computer Interaction Laboratory of ICS-FORTH, and in particular Margherita Antona, George Paparoulis, Maria Pitsoulaki, Stavroula Ntoa, Maria Bouhli and George Kapnas.

July 2011

Constantine Stephanidis
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#### Ergonomics and Health Aspects of Work with Computers

**Program Chair:** Michelle M. Robertson

<table>
<thead>
<tr>
<th>Country</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>Arne Aarás</td>
</tr>
<tr>
<td>USA</td>
<td>Pascale Carayon</td>
</tr>
<tr>
<td>UK</td>
<td>Jason Devereux</td>
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<td>Germany</td>
<td>Wolfgang Frieddorf</td>
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<td>Singapore</td>
<td>Martin Helander</td>
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<tr>
<td>USA</td>
<td>Ed Israeli</td>
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<td>USA</td>
<td>Ben-Tzion Karsh</td>
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<td>Poland</td>
<td>Danuta Koradecka</td>
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<tr>
<td>USA</td>
<td>Nancy Larson</td>
</tr>
<tr>
<td>Finland</td>
<td>Kari Lindström</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Brenda Lobb</td>
</tr>
<tr>
<td>Germany</td>
<td>Holger Luczak</td>
</tr>
<tr>
<td>USA</td>
<td>William S. Marras</td>
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<tr>
<td>Philippines</td>
<td>Aura C. Matias</td>
</tr>
<tr>
<td>Germany</td>
<td>Matthias Röttig</td>
</tr>
<tr>
<td>USA</td>
<td>Michelle L. Rogers</td>
</tr>
<tr>
<td>France</td>
<td>Dominique L. Scapin</td>
</tr>
<tr>
<td>USA</td>
<td>Lawrence M. Schleifer</td>
</tr>
<tr>
<td>USA</td>
<td>Michael J. Smith</td>
</tr>
<tr>
<td>USA</td>
<td>Naomi Swanson</td>
</tr>
<tr>
<td>The Netherlands</td>
<td>Peter Vink</td>
</tr>
<tr>
<td>UK</td>
<td>John Wilson</td>
</tr>
</tbody>
</table>

#### Human Interface and the Management of Information

**Program Chair:** Michael J. Smith

<table>
<thead>
<tr>
<th>Country</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>Hans-Jörg Bullinger</td>
</tr>
<tr>
<td>China</td>
<td>Alan Chan</td>
</tr>
<tr>
<td>Japan</td>
<td>Shin’ichi Fukuzumi</td>
</tr>
<tr>
<td>USA</td>
<td>Jon R. Gunderson</td>
</tr>
<tr>
<td>Japan</td>
<td>Michitaka Hirose</td>
</tr>
<tr>
<td>USA</td>
<td>Jhilmil Jain</td>
</tr>
<tr>
<td>Japan</td>
<td>Yasufumi Kume</td>
</tr>
<tr>
<td>USA</td>
<td>Mark Lehto</td>
</tr>
<tr>
<td>Japan</td>
<td>Hirohiko Mori</td>
</tr>
<tr>
<td>USA</td>
<td>Fiona Fui-Hoon Nah</td>
</tr>
<tr>
<td>Japan</td>
<td>Shogo Nishida</td>
</tr>
<tr>
<td>USA</td>
<td>Robert Proctor</td>
</tr>
<tr>
<td>Korea</td>
<td>Youngho Rhee</td>
</tr>
<tr>
<td>UK</td>
<td>Anxo Cereijo Roibás</td>
</tr>
<tr>
<td>Japan</td>
<td>Katsunori Shimohara</td>
</tr>
<tr>
<td>Germany</td>
<td>Dieter Spath</td>
</tr>
<tr>
<td>Japan</td>
<td>Tsutomu Tabe</td>
</tr>
<tr>
<td>USA</td>
<td>Alvaro D. Taveira</td>
</tr>
<tr>
<td>USA</td>
<td>Kim-Phuong L. Vu</td>
</tr>
<tr>
<td>Japan</td>
<td>Tomio Watanabe</td>
</tr>
<tr>
<td>Japan</td>
<td>Sakae Yamamoto</td>
</tr>
<tr>
<td>Japan</td>
<td>Hidekazu Yoshikawa</td>
</tr>
<tr>
<td>China</td>
<td>Li Zheng</td>
</tr>
<tr>
<td>P. R. China</td>
<td></td>
</tr>
</tbody>
</table>

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Hans-Jörg Bullinger, Germany
Alan Chan, Hong Kong
Shin’ichi Fukuzumi, Japan
Jon R. Gunderson, USA
Michitaka Hirose, Japan
Jhilmil Jain, USA
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Youngho Rhee, Korea
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<thead>
<tr>
<th>Name</th>
<th>Nationality</th>
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<tbody>
<tr>
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<td>Germany</td>
</tr>
<tr>
<td>Brigitte Herrmann</td>
<td>Germany</td>
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<td>USA</td>
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<td>USA</td>
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<td>Paul Sherman</td>
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<tr>
<td>Ben Shneiderman</td>
<td>USA</td>
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<td>Christian Sturm</td>
<td>Germany</td>
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<tr>
<td>Brian Sullivan</td>
<td>USA</td>
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<tr>
<td>Jaakko Villa</td>
<td>Finland</td>
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<tr>
<td>Michele Visciola</td>
<td>Italy</td>
</tr>
<tr>
<td>Susan Weinschenk</td>
<td>USA</td>
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</tbody>
</table>
The 15th International Conference on Human–Computer Interaction, HCI International 2013, will be held jointly with the affiliated conferences in the summer of 2013. It will cover a broad spectrum of themes related to human–computer interaction (HCI), 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. More information about the topics, as well as the venue and dates of the conference, will be announced through the HCI International Conference series website: http://www.hci-international.org/

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# Table of Contents

## Part I: On-Line Communities and Intelligent Agents in Education and Research

Promoting Reflective Learning: The Role of Blogs in the Classroom .......................... 3
   
   *Rahayu Ahmad and Wayne G. Lutters*

Meet Researcher in the Real World Using the ConAR: Context-Aware Researcher .................. 12

   *Sung-Wook Baek, Jong-Hoon Seo, and Tack-Don Han*

Gaining Insight into the Application of Second Life in a Computing Course: Students’ Perspectives.......................... 20

   *James Braman, Alfreda Dudley, Kidd Colt, Giovanni Vincenti, and Yuanqiong Wang*

Third Agers and Social Networking in Higher Education .................. 30

   *Christopher M. Connolly and Gabriele Meiselwitz*

A Real-time Disaster Situation Mapping System for University Campuses .................. 40

   *Kayo Iizuka, Yasuki Iizuka, and Kyoko Yoshida*

Recent Trends in Software Support for Online Communities for Teaching and Research Projects in Higher Education .................. 50

   *Daniel Kadenbach and Carsten Kleiner*

Assessments in Large- and Small-Scale Wiki Collaborative Learning Environments: Recommendations for Educators and Wiki Designers ........ 60

   *Portia Pusey and Gabriele Meiselwitz*

Teacher Agents: The Current State, Future Trends, and Many Roles of Intelligent Agents in Education .................. 69

   *Kevin Reed and Gabriele Meiselwitz*

## Part II: Blogs, Wikis and Twitters


   *Rahayu Ahmad and Wayne G. Lutters*

Extracting Events from Wikipedia as RDF Triples Linked to Widespread Semantic Web Datasets .................. 90

   *Carlo Aliprandi, Francesco Ronzano, Andrea Marchetti, Maurizio Tesconi, and Salvatore Minutoli*
Collaborative Sensemaking during Admin Permission Granting in Wikipedia ............................. 100
  
  *Katie Derthick, Patrick Tsao, Travis Kriplean, Alan Borning, Mark Zachry, and David W. McDonald*

Mining Social Relationships in Micro-blogging Systems ................................. 110
  
  *Qin Gao, Qu Qu, and Xuhui Zhang*

Tweet Me Home: Exploring Information Use on Twitter in Crisis Situations .......................... 120
  
  *Nirupama Dharmavaram Sreenivasan, Chei Sian Lee, and Dion Hoe-Lian Goh*

Impact of Blog Design Features on Blogging Satisfaction: An Impression Management Perspective .................................................. 130
  
  *Wee-Kek Tan and Hock-Hai Teo*

An Exploratory Study of Navigating Wikipedia Semantically: Model and Application ................................. 140
  
  *I.-Chin Wu, Yi-Sheng Lin, and Che-Hung Liu*

**Part III: Social Computing in Business and the Enterprise**

Productivity Improvement by Using Social-Annotations about Design Intent in CAD Modelling Process ......................................................... 153
  
  *Gerardo Alducin-Quintero, Manuel Contero, Jorge Martín-Gutiérrez, David A. Guerra-Zubiaga, and Michael D. Johnson*

Handshake: A Case Study for Exploring Business Networking for the Enterprise, Inside and Out ......................................................... 162
  
  *Laurie E. Damianos, Donna L. Cuomo, and Stan Drozdetski*

“Your Team Cohesion is Low”: A Systematic Study of the Effects of Social Network Feedback on Mediated Activity ........................................ 172
  
  *Luciano Gamberini, Francesco Martino, Anna Spagnolli, Roberto Baù, and Michela Ferron*

E-Business Solutions in the Cable TV Industry ............................................. 182
  
  *Viorica Harrison and June Wei*

Measuring the Success of On-line Communities in an Enterprise Networking Tool ............................................. 188
  
  *Lester J. Holtzblatt and Laurie E. Damianos*

Business-to-Business Solutions for the Cosmetic Industry .................................. 197
  
  *Manami Koblentz and June Wei*
Online Crowdsourcing in the Public Sector: How to Design Open Government Platforms ................................. 203
   Giordano Koch, Johann Füller, and Sabine Brunswicker

An M-Pill Framework in the Electronic Healthcare ........................................ 213
   Nien-Chieh Lee, Hi Tran, Albert Yin, and June Wei

Online Design Discussion Sites: Emerging Resource for Creative Design ......................... 219
   Moushumi Sharmin and Brian P. Bailey

Social Computing for Home Energy Efficiency: Technological and Stakeholder Ecosystems ................................. 229
   Marc Torrent-Moreno, Rafael Giménez, Regina Enrich, José Javier García, and María Pérez

Part IV: Social Computing in Everyday Life

Conversational Lives: Visualizing Interpersonal Online Social Interactions ................................. 241
   Heng Chen and Aisling Kelliher

CICRO: An Interactive Visual Interface for Crowd Communication Online ........................................ 251
   Masao Ohira, Hitoshi Masaki, and Ken-ichi Matsumoto

Features to Support Persistent Chat Conversation ........................................ 261
   Mohsen Rahimifar and Siti Salwah Salim

Design and Evaluation of an Online Social Support Application for Family Caregivers ................................. 267
   Matthieu Tixier and Myriam Lewkowicz

An Investigation into the Social Network between Three Generations in a Household: Bridging the Interrogational Gaps between the Senior and the Youth ........................................ 277
   Tsai-Hsuan Tsai, Yi-Lun Ho, and Kevin C. Tseng

Preschoolers as Video Gamers ........................................ 287
   Alexander Voiskounsky

GAZO GAZO KUN: Photo-Sharing System Using an Anthropomorphic Photo Frame for Communication Support ........................................ 297
   Takashi Yoshino and Tomoya Matsuo
# Table of Contents

## Part V: Information Management in Social Computing

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is Your Social Networking Privacy Reliant on Intuitive Interfaces?</td>
<td>309</td>
</tr>
<tr>
<td><em>Deborah S. Carstens and Veronica Giguere</em></td>
<td></td>
</tr>
<tr>
<td>A Study on Social Network Services Visualization Based on User Needs</td>
<td>319</td>
</tr>
<tr>
<td><em>Young Suk Han, Jong Kyu Choi, and Yong Gu Ji</em></td>
<td></td>
</tr>
<tr>
<td>A Virtual World Prototype for Interacting with a Music Collection</td>
<td>326</td>
</tr>
<tr>
<td><em>Jukka Holm and Arto Lehtiniemi</em></td>
<td></td>
</tr>
<tr>
<td>A Supervised Machine Learning Link Prediction Approach for Tag</td>
<td>336</td>
</tr>
<tr>
<td>Recommendation</td>
<td></td>
</tr>
<tr>
<td><em>Manisha Pujari and Rushed Kanawati</em></td>
<td></td>
</tr>
<tr>
<td>Beyond the Social Search: Personalizing the Semantic Search in Social Networks</td>
<td>345</td>
</tr>
<tr>
<td><em>Júlio Cesar dos Reis, Rodrigo Bonacin, and M. Cecília C. Baranauskas</em></td>
<td></td>
</tr>
<tr>
<td>Factors Influencing Online Social Interactions</td>
<td>355</td>
</tr>
<tr>
<td><em>Shankar Ravi</em></td>
<td></td>
</tr>
<tr>
<td>Effects of a Synchronized Scoring Interface on Musical Quality</td>
<td>363</td>
</tr>
<tr>
<td><em>Yuji Takai, Masao Ohira, and Ken-ichi Matsumoto</em></td>
<td></td>
</tr>
<tr>
<td>Measurement of Tagging Behavior Differences</td>
<td>373</td>
</tr>
<tr>
<td><em>Li-Chen Tsai, Sheue-Ling Hwang, and Kuo-Hao Tang</em></td>
<td></td>
</tr>
<tr>
<td>Community Search: A Collaborative Searching Web Application with a User Ranking System</td>
<td>378</td>
</tr>
<tr>
<td><em>Papon Yongpisapanpop, Masao Ohira, and Ken-ichi Matsumoto</em></td>
<td></td>
</tr>
<tr>
<td><strong>Author Index</strong></td>
<td>387</td>
</tr>
</tbody>
</table>