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P.L. Patrick Rau (Ed.)

Cross-Cultural Design

6th International Conference, CCD 2014
Held as Part of HCI International 2014
Heraklion, Crete, Greece, June 22-27, 2014
Proceedings



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Foreword

The 16th International Conference on Human–Computer Interaction, HCI International 2014, was held in Heraklion, Crete, Greece, during June 22–27, 2014, incorporating 14 conferences/thematic areas:

Thematic areas:

- Human–Computer Interaction
- Human Interface and the Management of Information

Affiliated conferences:

- 11th International Conference on Engineering Psychology and Cognitive Ergonomics
- 8th International Conference on Universal Access in Human–Computer Interaction
- 6th International Conference on Virtual, Augmented and Mixed Reality
- 6th International Conference on Cross-Cultural Design
- 6th International Conference on Social Computing and Social Media
- 8th International Conference on Augmented Cognition
- 5th International Conference on Digital Human Modeling and Applications in Health, Safety, Ergonomics and Risk Management
- Third International Conference on Design, User Experience and Usability
- Second International Conference on Distributed, Ambient and Pervasive Interactions
- Second International Conference on Human Aspects of Information Security, Privacy and Trust
- First International Conference on HCI in Business
- First International Conference on Learning and Collaboration Technologies

A total of 4,766 individuals from academia, research institutes, industry, and governmental agencies from 78 countries submitted contributions, and 1,476 papers and 225 posters were included in the proceedings. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers 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 P.L. Patrick Rau, contains papers focusing on the thematic area of Cross-Cultural Design, addressing the following major topics:

- Cross-cultural product and service design
- Cross-cultural issues in interaction
- Social aspects and implications of cross-cultural design

- Cross-cultural issues in e-commerce, marketing and branding
- Cross-cultural design for knowledge sharing and learning
- Cross-cultural design for the smart city

The remaining volumes of the HCI International 2014 proceedings are:

- Volume 1, LNCS 8510, Human–Computer Interaction: HCI Theories, Methods and Tools (Part I), edited by Masaaki Kurosu
- Volume 2, LNCS 8511, Human–Computer Interaction: Advanced Interaction Modalities and Techniques (Part II), edited by Masaaki Kurosu
- Volume 3, LNCS 8512, Human–Computer Interaction: Applications and Services (Part III), edited by Masaaki Kurosu
- Volume 4, LNCS 8513, Universal Access in Human–Computer Interaction: Design and Development Methods for Universal Access (Part I), edited by Constantine Stephanidis and Margherita Antona
- Volume 5, LNCS 8514, Universal Access in Human–Computer Interaction: Universal Access to Information and Knowledge (Part II), edited by Constantine Stephanidis and Margherita Antona
- Volume 6, LNCS 8515, Universal Access in Human–Computer Interaction: Aging and Assistive Environments (Part III), edited by Constantine Stephanidis and Margherita Antona
- Volume 7, LNCS 8516, Universal Access in Human–Computer Interaction: Design for All and Accessibility Practice (Part IV), edited by Constantine Stephanidis and Margherita Antona
- Volume 8, LNCS 8517, Design, User Experience, and Usability: Theories, Methods and Tools for Designing the User Experience (Part I), edited by Aaron Marcus
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- Volume 10, LNCS 8519, Design, User Experience, and Usability: User Experience Design for Everyday Life Applications and Services (Part III), edited by Aaron Marcus
- Volume 11, LNCS 8520, Design, User Experience, and Usability: User Experience Design Practice (Part IV), edited by Aaron Marcus
- Volume 12, LNCS 8521, Human Interface and the Management of Information: Information and Knowledge Design and Evaluation (Part I), edited by Sakae Yamamoto
- Volume 13, LNCS 8522, Human Interface and the Management of Information: Information and Knowledge in Applications and Services (Part II), edited by Sakae Yamamoto
- Volume 14, LNCS 8523, Learning and Collaboration Technologies: Designing and Developing Novel Learning Experiences (Part I), edited by Panayiotis Zaphiris and Andri Ioannou
- Volume 15, LNCS 8524, Learning and Collaboration Technologies: Technology-rich Environments for Learning and Collaboration (Part II), edited by Panayiotis Zaphiris and Andri Ioannou

- Volume 16, LNCS 8525, Virtual, Augmented and Mixed Reality: Designing and Developing Virtual and Augmented Environments (Part I), edited by Randall Shumaker and Stephanie Lackey
- Volume 17, LNCS 8526, Virtual, Augmented and Mixed Reality: Applications of Virtual and Augmented Reality (Part II), edited by Randall Shumaker and Stephanie Lackey
- Volume 18, LNCS 8527, HCI in Business, edited by Fiona Fui-Hoon Nah
- Volume 20, LNCS 8529, Digital Human Modeling and Applications in Health, Safety, Ergonomics and Risk Management, edited by Vincent G. Duffy
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- Volume 25, LNAI 8534, Foundations of Augmented Cognition, edited by Dylan D. Schmorrow and Cali M. Fidopiastis
- Volume 26, CCIS 434, HCI International 2014 Posters Proceedings (Part I), edited by Constantine Stephanidis
- Volume 27, CCIS 435, HCI International 2014 Posters Proceedings (Part II), edited by Constantine Stephanidis

I would like to thank the Program Chairs and the members of the Program Boards of all affiliated conferences and thematic areas, listed below, for their contribution to the highest scientific quality and the overall success of the HCI International 2014 Conference.

This conference could not have been possible without the continuous support and advice of the founding chair and conference scientific advisor, Prof. Gavriel Salvendy, as well as the dedicated work and outstanding efforts of the communications chair and editor of *HCI International News*, Dr. Abbas Moallem.

I would also like to thank for their contribution towards the smooth organization of the HCI International 2014 Conference the members of the Human-Computer Interaction Laboratory of ICS-FORTH, and in particular George Paparoulis, Maria Pitsoulaki, Maria Bouhli, and George Kapnas.

April 2014

Constantine Stephanidis
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HCI International 2015

The 15th International Conference on Human–Computer Interaction, HCI International 2015, will be held jointly with the affiliated conferences in Los Angeles, CA, USA, in the Westin Bonaventure Hotel, August 2–7, 2015. It will cover a broad spectrum of themes related to 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 will be available on the conference website: <http://www.hcii2015.org/>

General Chair

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Table of Contents

Cross-Cultural Product and Service Design

A Reflective Study in Metaphorical Products Design from the Mapping of Relational Similarity Perspective.....	3
<i>Kung-Ling Chang</i>	
Introduction Strategies of Service-Oriented Product System Design for the Transformation and Upgrading of Small and Medium Manufacturers in China	14
<i>Jiajia Chen</i>	
The Research of Regional Culture Characteristics of Tourism Commodities Based on Cross-Cultural Experience	24
<i>Jianxin Cheng, Le Xi, Junnan Ye, and Wangqun Xiao</i>	
Towards the Development of an Inter-cultural Scale to Measure Trust in Automation	35
<i>Shih-Yi Chien, Zhaleh Semnani-Azad, Michael Lewis, and Katia Sycara</i>	
The Research on the Logistics Service Design Based on the Theory of Brand Image: A Case for FEELER	47
<i>Qing Ge, Yin Wang, and Nan Zhou</i>	
Comparing Chinese and German's Emotional Reaction to Perfume	59
<i>Mengyu Guo, Zhe Chen, Hui Li, Pei-Luen Patrick Rau, Long Zeng, Xiangheng Wang, Nico Wendler, and Lahcen Feddol</i>	
Designing "Fashion" into Uniform for Taipei City Public Cleaner Team	68
<i>Chiwi Hsu, An-Feng Zhang, and Robert Chen</i>	
Research on the Extraction and Visualization of Automobile Brand Form Gene Based on Multi-roles' Expectation Image	80
<i>Weifeng Hu, Xiangyang Xin, and Binbin Li</i>	
EEG-Based Measurement of Emotion Induced by Mode, Rhythm, and MV of Chinese Pop Music	89
<i>Mao Mao and Pei-Luen Patrick Rau</i>	
The Research on the Value Experience in the Brand Culture of SuShan and the Design of Product System Service	101
<i>Jie Wei, Chenmiao Liu, and Jing Wang</i>	

A Service Design Research on New Information Technology of Fruit Brand Experience and Innovation 111
Liang Yin, Bin Bin Li, and Shengli Lu

The Research of Product Design Evaluation Method Based on Brand Intention Recognition 118
Mei Yu Zhou, Chaorxiang Yang, and Jue Wu

Cross-Cultural Issues in Interaction

Development of a Scale to Assess the Linguistic and Phonological Difficulty of Passwords 131
Jennifer Romano Bergstrom, Stefan A. Frisch, David Charles Hawkins, Joy Hackenbracht, Kristen K. Greene, Mary F. Theofanos, and Brian Griepentrog

An Examination of Typographic Standards and Their Relevance to Contemporary User-Centred Web and Application Design 140
Ian Christopher Dyer

How Does User’s Access to Object Make HCI Smooth in Recipe Guidance? 150
Atsushi Hashimoto, Jin Inoue, Takuya Funatomi, and Michihiko Minoh

Evaluating the Effects of Cultural Preferences on Website Use 162
Hsiu Ching Laura Hsieh

A Study of Kinect-Based Smart TV Control Mode 174
He Li, Jing Qiu, and Long Gao

Explore Elder Users’ Reading Behaviors with Online Newspaper 184
Weijane Lin, Hui-Chun Lin, and Hsiu-Ping Yueh

An Approach of Indoor Exercise: Kinect-Based Video Game for Elderly People 193
Zhe Liu, Chen Liao, and Pilsung Choe

Interaction Design of a Semi-automatic Video Face Annotation System 201
Cailiang Liu, Tao Xiong, Chenguang Zhang, and Zhibing Wang

Thumbs Up to Gesture Controls? A Cross-Cultural Study on Spontaneous Gestures 211
Alison Meier, Kelly Goto, and Michael Wörmann

A Low-Cost Approach to Face Behavior for Mental Work 218
Jing Qiu, Jun Lu, Youyuan Pan, and Rolf Helbig

The Great Authentication Fatigue – And How to Overcome It	228
<i>M. Angela Sasse, Michelle Steves, Kat Krol, and Dana Chisnell</i>	
Clear, Unambiguous Password Policies: An Oxymoron?	240
<i>Michelle Steves, Kevin Killourhy, and Mary F. Theofanos</i>	
ARITH Product Evaluation System: A User-Centered Study on Web Products Evaluation.	252
<i>Eric Yang and Zhong Wang</i>	
First-Time User Experience with Smart Phone New Gesture Control Features	262
<i>Jia Zhou, Jie Zhang, Bingjun Xie, Ning Liu, Ming Jiang, Huilin Wang, and Qiqing Gan</i>	
Social Aspects and Implications of Cross-Cultural Design	
Designing “Friendly” into Public Park for Taipei City	275
<i>Li-Yu Chen, Ying-Ming Su, and Annie Chen</i>	
Design for Social Interaction in Public Spaces.	287
<i>Jun Hu, Joep Frens, Mathias Funk, Feng Wang, and Yu Zhang</i>	
Smart Asia: A New Platform for Collective Intelligence	299
<i>Christopher Grant Kirwan</i>	
Designing “Female Prospect” into Public Space for Taipei City	309
<i>Yi-Tsu Peng, Yu-Di Huang, Jun-Liang Chen, and Chuck Chen</i>	
Social Sustainability in Design: The Window as an Interface for Social Interaction	321
<i>Gaia Scagnetti and Federico Casalegno</i>	
Designing “Healthy” into Green Environment for Taipei City	331
<i>Ying-Ming Su, Li-Yu Chen, and Annie Chen</i>	
Designing “Flourishing” into Green Environment for Taipei City	341
<i>Ying-Ming Su, Yu-Chou Wu, and Chia-Hui Lin</i>	
How to Promote Patient Safety in Social Media: A Comparison between Messages in Social Media and Newspapers	351
<i>Na Sun and Pei-Luen Patrick Rau</i>	
Design Implications of Digital Social Innovation: A Playful Approach to Analyse Cases Study Dataset	361
<i>Francesca Valsecchi and Miaosen Gong</i>	

Design Trend Research for Building a Future Physical-Cyber Ecosystem	373
<i>Hongyan Yan and Yanyan Sun</i>	
Cross-Culture Thinking in Sustainable Service Design of Social Innovation: Case Comparison between Milan, IT and Wuxi, China	382
<i>Linghao Zhang, Xinli Lin, and Guangmei Yang</i>	
User Adoption and Loyalty of Location Based Social Network Service in China	392
<i>Yubo Zhang and Pei-Luen Patrick Rau</i>	
The Study of Interactive Design in Service Systems for Community Self-help Charitable Facilities	403
<i>Xiaorui Zhou, Zhejun Liu, and Yangxi Tian</i>	
 Cross-Cultural Issues in E-commerce, Marketing and Branding	
Understanding Emerging Markets by Applying Lean UX	417
<i>Stephanie Chan, Gloria Chen, and Limin Fu</i>	
Co-creative Value for Cultural and Creative Economic Growth – Designing a Cultural Merchandise and Constructing a Marketing Model	427
<i>Tsen-Yao Chang</i>	
The Study of Service Design with the Perspective of Cross-Cultural Based on the Advertising Events and the Brand Experience	437
<i>Jianxin Cheng, Hongbo Lai, and Junnan Ye</i>	
Newsvendor’s Response to Demand History	449
<i>Wei Geng and Xiaodong Ding</i>	
Improving the Predictive Validity of NPS in Customer Satisfaction Surveys	458
<i>Gang Huang and Huai-lin Wang</i>	
Visual Search on E-commerce Category Navigation: A Multi-language Study	470
<i>Bin Liu, Lijuan Cao, Yumei Tang, and Ming Zhong</i>	
Older Adults’ Online Shopping Behavior in China	482
<i>Caiyue Shen, Lian Zhou, and Shuching Lin</i>	
Behavior Study on Consumer Driven e-Commerce	489
<i>Yanxia Yang and Grace Deng</i>	

What Chinese Female Online Shoppers Need: A Case Study by Applying the Kano Model in E-Commerce	498
<i>Zhibo Yin, Lingxiao Zhang, Xinheng Fan, and Wei Li</i>	

Responsive Web Design and Its Use by an E-Commerce Website	509
<i>Yujing Zeng, Jie Gao, and Chunsong Wu</i>	

Cross-Cultural Design for Knowledge Sharing and Learning

How Different Cultures Affect Online Communication on Knowledge Sharing between the Thais and Chinese	523
<i>Pinnapa Atsawintarangkun and Takaya Yuizonno</i>	

Cultural Difference on the Usage Pattern of Tagging System for Knowledge Sharing	534
<i>Zhe Chen, Qin Gao, and Yuancheng Yang</i>	

Creating Individualized Learning Paths for Self-regulated Online Learners: An Ontology-Driven Approach	546
<i>Yu-Liang Chi, Tsang-Yao Chen, and Wan-Ting Tsai</i>	

Exploring Children's Attitude and Reading Comprehension toward Different Styles of Reading Orientation	556
<i>Weijane Lin, Hsin-Ying Wu, Pei-Min Wu, Yun Tung, and Hsiu-Ping Yueh</i>	

Culture and Student-Faculty Communication in Higher Education: Implications for the Design of Educational Communication Tools	563
<i>Jun Liu, Pei-Luen Patrick Rau, and Bert Schulz</i>	

The Relations between Interface Design of Digital Game-Based Learning Systems and Flow Experience and Cognitive Load of Learners with Different Levels of Prior Knowledge	574
<i>Chun-Yi Shen and Hao-Ping Chu</i>	

Intercultural Design in e-Learning: A Comparison of Three Different Approaches	585
<i>Vassilia Stefanou</i>	

A Cross-Cultural Comparison on Contributors' Motivations to Online Knowledge Sharing: Chinese vs. Germans	597
<i>Bin Zhu, Qin Gao, and Eike Nohdurft</i>	

Cross-Cultural Design for the Smart City

Building the Co-design and Making Platform to Support Participatory Research and Development for Smart City	609
<i>Zhiyong Fu and Xu Lin</i>	

Designing “Qualia” into Night Market for Taipei City	621
<i>Yu-Di Huang, Yi-Tsu Peng, Chun-Wen Fang, and Jun-Liang Chen</i>	
Building Trust in Hospitality and Culture Exchange Travel Sites: Lessons from Heuristic Evaluation of CouchSurfing	630
<i>Yu-Hsiu Hung, Lian-Fan Wu, and Chia-Chun Chen</i>	
From Adaptive Design to Adaptive City-Design in Motion for Taipei City	643
<i>Rungtai Lin, Ching-Chiuan Yen, and Robert Chen</i>	
Designing “Innovation” into Eslite Group for Taipei City	650
<i>Mei-Ting Lin, Po-Hsien Lin, and Jun-Liang Chen</i>	
Designing “Friendly” into Public Bicycle for Taipei City	660
<i>Yuhuan Lin and Yen-Yu Kang</i>	
A Design of Smart Travel Based on City User Experience	668
<i>Ping Liu and Young Hwan Pan</i>	
Design for the Public Usage of Rural Surplus Space (PURSS): The Case Study of DEISGN Harvests	676
<i>Yongqi Lou and Dongjin Song</i>	
Designing Cloud Computing into Taipei City: A Pilot Study of the Service Design from Taipei Cloud	688
<i>Jui-Ping Ma, Stanley Wei, and Rungtai Lin</i>	
When China Encounters Smart TV: Exploring Factors Influencing the User Adoption in China	696
<i>Yuming Tao, Jing Chang, and Pei-Luen Patrick Rau</i>	
 Cross-Cultural Design for Creativity	
Designing “Taipei City” as a World Design Capital	709
<i>Jun-Liang Chen, Yu-Ju Lin, Stanley Wei, and Yen-Yu Kang</i>	
Designing ‘Culture and Heritage’ into the C1D1 District of Taipei City	721
<i>Lihrong Chiou, Kung-Ling Chang, Yu-Chi He, and Richard H. Lee</i>	
Analysis of Application of Digital Archives to Value-Added Design in Cultural Creative Products	731
<i>Chi-Hsien Hsu, Robert Chen, and Rungtai Lin</i>	
Cultural Creativity in Design Exhibition – A Case Study of Emotional Effects Experienced by the Audience	743
<i>Yu-Ju Lin, Jui-Ping Ma, and Jun-Liang Chen</i>	

A Study of Applying Sakizaya Tribe's Palamal (The Fire God Ritual) into Cultural Creative Products Design	753
<i>Po-Hsien Lin, Jao-Hsun Tseng, and Pei-Chen Lin</i>	
The Sino-Italian Collaborative Design Platform: Designing and Developing an Innovative Product Service System	766
<i>Wei Liu and Yongqi Lou</i>	
Cultural Creativity in Design Strategy: A Case Study of User's Preference of a Bird-Shaped Teapot	775
<i>Chi-Chang Lu and Po-Hsien Lin</i>	
The GamiMedia Model: Gamifying Content Culture	786
<i>Mizuki Sakamoto and Tatsuo Nakajima</i>	
Applying the Time and Space Forms of Poetry to Creative Design	798
<i>Mo-Li Yeh, Ming-shean Wang, and Pey-Chwen Lin</i>	
Author Index	809