





HCI 2019: Orlando, FL, USA

> Home > Conferences and Workshops > HCI

 Trier 1

- 



 Constantine Stephanidis:
HCI International 2019 - Late Breaking Papers - 21st HCI International Conference, HCII 2019, Orlando, FL, USA, July 26-31, 2019, Proceedings. Lecture Notes in Computer Science 11786, Springer 2019, ISBN 978-3-030-30032-6

User Experience Design and Evaluation

- 



 Daniel Barber, Rhyse Bendell:
Design Approach for Investigating Multimodal Communication in Dismounted Soldier-Robot Interaction. 3-14
- 



 Gian Maria Greco:
Accessibility Studies: Abuses, Misuses and the Method of Poietic Design. 15-27
- 



 Yen Hsu, Chia-Jung Lee, Pei-Ying Yang:
Design Techniques of Ambient Media Advertisements and Message Comprehension. 28-39
- 



 Qianjing Hu, Gang Guo, Huaji Wang, Mingqing Tang, Chen Lv, Dongpu Cao:
How to Define the Passenger's Hazard Perception Level by Combining Subjective and Objective Measures? 40-53
- 



 Manuel Oliveira, Andrea Bettoni, Eva Coscia, Hans Torvatn:
Applying Co-creation Principles to Requirement Elicitation in Manufacturing. 54-61
- 



 Takashi Sakamoto, Yasuyo G. Ichihara:
Exploring Color-Universal Design Considering Kansei Differences: Color-Vision Types and Impressions of Color Images. 62-72
- 



 Zlatko Stapic, Dijana Plantak Vukovac:
Systematic Mapping Study: Use of Design Science in Creation and Evaluation of UX Artifacts. 73-84
- 



 William J. Yamada, Marcelo Morandini, Thiago Adriano Coleti, Cinthyan Renata Sachs Camerlengo de Barbosa:
Development of a Generator System of Parameterized Questionnaires to Evaluate the Usability of Web Pages. 85-100
- 



 Mengjin Zeng, Gang Guo, Qiuyang Tang:
Vehicle Human-Machine Interaction Interface Evaluation Method Based on Eye Movement and Finger Tracking Technology. 101-115

Information, Visualization and Decision Making

- 



 Jonathan Ah Sue, Peter Brand, Joachim Falk, Ralph Hasholzner, Jürgen Teich:
Optimizing Exploratory Workflows for Embedded Platform Trace Analysis and Its Application to Mobile Devices. 119-139

- 



 Shannon Briggs:
Evaluating System Sufficiency in a Multimodal, Multiuser Sensemaking Environment Designed for Intelligence Analysis. 140-152
- 



 Jeongyun Heo, Jiyoung Lee:
CiSA: An Inclusive Chatbot Service for International Students and Academics. 153-167
- 



 Peeter Lorents, Maryna Averkyna:
Some Mathematical and Practical Aspects of Decision-Making Based on Similarity. 168-179
- 



 Anna Lunterova, Ondrej Spetko, George Palamas:
Explorative Visualization of Food Data to Raise Awareness of Nutritional Value. 180-191
- 



















 Ke Ma, Yixiang Zhang, Jing Cao:
A New Paradigm of Addressing the Complexity of Entrepreneurial Community Design Leveraging Augmented Reality. 192-201
- 































 Julio Martínez Zárata, Sandra Mateus Santiago:
Sentiment Analysis Through Machine Learning for the Support on Decision-Making in Job Interviews. 202-213



Virtual and Augmented Reality

- 



 Ali Israr, Siyan Zhao, Zachary Schwemler, Adam Fritz:
Stereohaptics Toolkit for Dynamic Tactile Experiences. 217-232
- 



 Chutisant Kerdvibulvech:
A Review of Augmented Reality-Based Human-Computer Interaction Applications of Gesture-Based Interaction. 233-242
- 



 Si Jung SJ Kim, Alexis Sanchez, John Farhad Hanifzai, Francis Palispis, Keitaro Nishimura:
The OTC (Object to Camera) Approach to Visualize Behind Stories of Museum Exhibits. 243-252
- 



 Thitirat Siriborvornratanakul:
Through the Realities of Augmented Reality. 253-264

Learning and Games

- 



 Jaisoon Baek, Gyuhan Oh:
Development of a Puzzle Game to Learn Coding for Elementary Students. 267-279
- 



 Maria Claudia Buzzi, Marina Buzzi, Marco Maugeri, Gabriella Paolini, Maria Teresa Paratore, Alessandra Sbragia, Caterina Senette, Amaury Trujillo:
Which Virtual Piano Keyboard for Children with Autism? A Pilot Study. 280-291
- 



 Yang Chen, Yuyu Lin, Lijuan Liu, Ziyu Liu, Cheng Yao, Fangtian Ying:
ShadowHunter: Facilitating Children's Outdoor Exploration with Shadows. 292-305
- 



 Khaldoon Dhou:
An Innovative Employment of Virtual Humans to Explore the Chess Personalities of Garry Kasparov and Other Class-A Players. 306-319
- 



 Junyao Hu, Tao Xi:
The Relationship Between Game Elements and Player Emotions by Comparing Game Frameworks. 320-329
- 



 Xiaoyan Niu:
Research on Multimedia Teaching in Universities Under Human-Computer Interaction Environment. 330-340
- 



 Tsai-Hsuan Tsai, Hsien-Tsung Chang, Shin-Da Liao, Hui-Fang Chiu, Ko-Chun Hung, Chun-Yi Kuo,

Chih-Wei Yang:

Employing a Voice-Based Emotion-Recognition Function in a Social Chatbot to Foster Social and Emotional Learning Among Preschoolers. 341-356



Oswaldo Velez-Langs, Isaac Caicedo-Castro:

Recommender Systems for an Enhanced Mobile e-Learning. 357-365

Human and Task Models in HCI



Sina Dang, Hongjun Xue, Xiaoyan Zhang, Jue Qu, Chengwen Zhong, Siyu Chen:
Using CFD Technology to Simulate a Model of Human Thermoregulation in the Stable Temperature Environment. 369-381



Minzhi Deng, Ruya Chen, Shun Song, Junjie He, Rintaro Onishi, Rytaro Suzuki, Ryuta Motegi, Naoyuki Takesue, Shin Tsuchiya, Yoshiki Shimomura, Nami Shida, Osamu Nitta, Keiko Kasamatsu:
Interface Design for Boccia Robot Considering Operation Characteristic. 382-394



Shane T. Mueller, Yin-Yin (Sarah) Tan, Isaac Flint:
Development and Evaluation of a Model of Human Comfort and Cognitive Ability for Moderate Differences in Thermal Environment. 395-411



Sivamanoj Sreeramakavacham, Jung Hyup Kim, Laurel Despins:
Measuring Nursing Workload in an Intensive Care Unit Using NGOMSL Model. 412-421



Kaito Yamada, Hiroki Usuba, Homei Miyashita:
Modeling Drone Crossing Movement with Fitts' Law. 422-432



Jie Zhang, Gang Guo, Peizhi Wang, Qiuyang Tang, Zijian Zhang:
Research on the Differences of Risk Perception Ability Between Novice and Experienced Drivers. 433-447

Design and User Experience Case Studies



Lior Baron, Tzipora Halevi:
Feasibility Assessment of Cloud SaaS Enabled Collaboration and Information Confidentiality for the Public Accounting Industry. 451-467



Francisco Corella, Karen Pomian Lewison:
Frictionless Web Payments with Cryptographic Cardholder Authentication. 468-483



Aasim Khurshid, Sergio Cleger Tamayo, Everlandio Fernandes, Mikhail R. Gadelha, Mauro Teofilo:
A Robust and Real-Time Face Anti-spoofing Method Based on Texture Feature Analysis. 484-496



Dong Liu, Pei-Luen Patrick Rau:
Impacts of Emotional Ambient Sounds on Face Detection Sensitivity. 497-506



Manuel Oliveira, Emrah Arica, Marta Pinzone, Paola Fantini, Marco Taisch:
Human-Centered Manufacturing Challenges Affecting European Industry 4.0 Enabling Technologies. 507-517



Ling Qin, Xu Sun, Bingjian Liu, Luis Moreno Leyva:
When to Take a Break? Exploring the Role of Peers on Sedentary Office Workers' Resting Behaviors. 518-527



Sathya Silva, Paul Suffern:
NTSB Investigation of Weather-Related Aviation Incidents and Accidents. 528-537

HCI, Innovation and Society

Ann L. Fruhling, Shannon L. Bartelt-Hunt, Alan Kolok:

-     **Evaluating Citizen Scientists' User Experience and Engagement Using a Mobile Watershed Data Management App.** 541-554
-     Xianglian Han, Sung Woo Kim, Chunghak Oh:
UX Analysis of the North Korean Information Technology. 555-568
-     Yuta Komori, Yasuyuki Matsuura, Riho Gojo:
Integration and Development of Science, Technology and Innovation in Developed Countries: Perspective from Ocean Policy. 569-579
-     K. Siddique-e Rabbani, Abdullah Al Amin, Zihad Tarafdar, Md. Abu Yousuf, A. K. M. Bodiuzzaman, Ahmad Imtiaz Khan, Papia Chowdhury, Kamrul Hussain, Shahed Md. Abu Sufian, Maruf Ahmad, Md. Moniruzzaman, Ashir Ahmed:
Dhaka University Telemedicine Programme, Targeting Healthcare-Deprived Rural Population of Bangladesh and Other Low Resource Countries. 580-598
-     Fumihiko Yokota, Ashir Ahmed:
Differences in Relationships and Risk Factors Associated with Hypertension, Diabetes, and Proteinuria Among Urban and Rural Adults in Bangladesh - -Findings from Portable Health Clinic Research Project 2013-2018-. 599-610

 **VALID HTML** last updated on 2019-09-02 23:10 CEST by the dblp team

 **OPEN DATA** data released under the ODC-BY 1.0 license

see also: [Terms of Use](#) | [Privacy Policy](#) | [Imprint](#)

the dblp computer science bibliography is funded by:



SAARLAND

