



**Tuesday, 12 July, 08:00 – 10:00**

**Session Chair announcement**

Parallel session: **S002 Ontologies, Semantic Web and Interaction**  
Thematic area: IDGD --- Room: Lexington

This session will be chaired by **Asterios Leonidis**, *Foundation for Research & Technology - Hellas (FORTH), Greece*.

**Change of session chair**

Parallel session: **S013 Cultural Design Issues**  
Session Chairs: Hsiu-Ping Yueh, *National Taiwan University, Taiwan*  
Thematic area: IDGD ---- Room: Sarasota

This session will be chaired by **Patrick Rau**, *Tsinghua University, P.R. China*.

**Cancelled presentations**

Paper: **A User-Centric Metadata Creation Tool for Preserving the Nation's Ecological Data**  
Fatma Nasoz, *University of Nevada, Las Vegas, United States*; Renee Bryce, *Utah State University, United States*; Craig Palmer, *University of Nevada, Las Vegas, United States*; David Rugg, *U.S. Forest Service, United States*.

Parallel session: S002 Ontologies, Semantic Web and Interaction  
Session Chair: Asterios Leonidis, *Foundation for Research & Technology - Hellas (FORTH), Greece*.  
Thematic area: HIMI ---- Room: Lexington

Paper: **Menu Design of Digital Photo Frame for Older Users**  
Hsiu-Ping Yueh, Weijane Lin, Tzu-Yi Lu, Yen-Lien Chou, *National Taiwan University, Taiwan*.

Parallel session: S013 **Cultural Design Issues**  
Session Chair: **Patrick Rau**, *Tsinghua University, P.R. China*.  
Thematic area: IDGD ---- Room: Sarasota

**Tuesday, 12 July, 10:30 – 12:30**

**Change of session chair**

Parallel session: S034 **User Experience Design and Research in Multinational Companies**  
Session Chairs: Paul Fu, *Alibaba.com Inc., USA*, Esin Kiris, *CA Technologies, USA*  
Thematic area: IDGD ---- Room: Escambia

This session will be chaired by **Rebecca Baker**, *CA Technologies, USA*

### **Change in time of paper presentations**

Paper: **VICPAM: A Visualization Tool for Examining Interaction Data in Multiple Display Environments**

Roshanak Zilouchian Moghaddam, Brian Bailey, *University of Illinois at Urbana-Champaign, United States.*

moved from:

Parallel session: S113 Visualisation Methods, Techniques and Applications  
Session Chair: Jan Stelovsky, *University of Hawai'i at Mānoa, United States*  
Thematic area: HIMI ---- Wednesday, 13 July, 13:30 – 15:30 --- Room: Jackson

to:

Parallel session: S037: Focus on Visual Innovation  
Session Chair: Michael Renner, *The Basel School of Design, FHNW HGK, Switzerland*  
Thematic area: DUXU ---- Room: Dixie

### **Change in time of paper presentations**

Paper: **Audiopolis, Navigation through a Virtual City Using Audio and Haptic Interfaces for People Who are Blind**

Jaime Sánchez, Javiera Mascaro, *University of Chile, Chile.*

moved from:

Parallel session : S202: New Trends in Non-visual Interaction  
Session Chair: Constantine Stephanidis, *Foundation for Research & Technology - Hellas (FORTH), Greece*  
Thematic area: UAHCI ---- Thursday, 14 July, 16:00 – 18:00 --- Room: Liberty

to:

Parallel session: S027: The Future of Universal Access (I)  
Session Chairs: Gisela Susanne Bahr, *Florida Institute of Technology, United States*; Ray Adams, *Middlesex University, United Kingdom*  
Thematic area: UAHCI ---- Room: Union

### **Cancelled presentation**

Paper: **Patient-centered Connected Health: User Experience for People with Diverse Abilities and Needs**

Douglas Dormer, *White Pine Systems, LLC dba SPINNphr, United States.*

Parallel session: S028: SMART Interfaces for Consumer Health Applications (I)  
Session Chair: Josette Jones, *Indiana University, United States.*  
Thematic area: UAHCI ---- Room: Taylor

**Tuesday, 12 July, 13:30 – 15:30**

**Session Chair announcement**

Parallel session: **S048: Human Behaviour in Virtual and Augmented Environments**  
Thematic area: VMR --- Room: Lexington

This session will be chaired by **Nadia Garcia-Hernandez**, *Istituto Italiano di Tecnologia (IIT), Italy*.

**Cancelled presentation**

Paper: **Interpretation of Metaphors with Perceptual Features Using WordNet**  
Rini Bhatt, Amitash Ojha, Bipin Indurkha, *International Institute of Information Technology, India*.

Parallel session: S043: Cognitive Issues in Interaction (I)  
Session Chair: Liam Mayron, *Harris Corp., United States*.  
Thematic area: EPCE ---- Room: Liberty

**Tuesday, 12 July, 16:00 – 18:00**

**Change of session chair**

Parallel session: S073 **Promoting Design Quality, Design Culture and Innovative Thinking within the Enterprise**

Session Chair: Sabine Kabel-Eckes, *SAP Labs, LLC, United States*  
Thematic area: DUXU ---- Room: Taylor

This session will be chaired by **Melanie Siegmann**, *SAP AG, Germany*.

**Wednesday, 13 July, 08:00 – 10:00**

**Cancelled presentation**

Paper: **Construction of Adaptive User Interfaces for Non-Professional Geriatric Care**  
Eric Tinsley, Jean Bandos, *My Health Care Manager, Inc., United States*.

Parallel session: S083: SMART Interfaces for Consumer Health Applications (II)  
Session Chair: Josette Jones, *Indiana University, United States*  
Thematic area: UAHCI ---- Room: Dixie

### Change in time of paper presentations

Paper: **mGuides, Design and Usability of a Mobile System to Assist Learning in Critical Situations**  
Jaime Sánchez, Matías Espinoza, *University of Chile, Chile.*

moved from:

Parallel session: S156: Behavior Computer Animation, Communicability and Education for All  
Session Chair: Francisco Cipolla-Ficarra, *ALAIPO / AINCI, Italy*  
Thematic area: UAHCI --- Thursday, 14 July, 08:00-10:00 ---- Room: Sarasota

to:

Parallel session The Future of Universal Access (II)  
Session Chairs: Noam Ben Asher, Ben-Gurion University of the Negev, Israel; Gisela Susanne Bahr, Florida Institute of Technology, United States  
Thematic area: UAHCI ---- Room: Empire

## **Wednesday, 13 July, 10:30 – 12:30**

### Session Chair announcements

Parallel session: **S097: Learning Environments**  
Thematic area: HCI ---- Room: Madison

This session will be chaired by **George Margetis**, *Foundation for Research & Technology - Hellas (FORTH), Greece.*

Parallel session: **S107: Towards a Human-Centred Web**  
Thematic area: HCD --- Room: Lexington

This session will be chaired by **Deborah Carstens**, *Florida Institute of Technology, United States.*

### Cancelled presentations

Paper: **Macroergonomics in Air Traffic Control - The Approach of a New System**  
Luiza Rebello, *Universidade Federal do Rio Grande do Norte, Brazil.*

Parallel session: S094: Industrial, Aeronautical and Military Applications  
Session Chair: Nickolas Macchiarella, *Embry-Riddle Aeronautical University, United States*  
Thematic area: HIMI ---- Room: Liberty

Paper: **Creating a New Context for Activity in Blended Learning Environments: Engaging the Twitchy Fingers**  
Jayne Klenner-Moore, *King's College, United States.*

Parallel session: S097: Learning Environments  
Session Chair: **George Margetis**, *Foundation for Research & Technology - Hellas (FORTH), Greece.*  
Thematic area: HCI ---- Room: Madison

**Wednesday, 13 July, 13:30 – 15:30**

**Change in time of paper presentations**

Paper: **VICPAM: A Visualization Tool for Examining Interaction Data in Multiple Display Environments**

Roshanak Zilouchian Moghaddam, Brian Bailey, *University of Illinois at Urbana-Champaign, United States.*

moved from:

Parallel session: S113 Visualisation Methods, Techniques and Applications  
Session Chair: Jan Stelovsky, *University of Hawaii at Mānoa, United States*  
Thematic area: HIMI ---- Room: Jackson

to:

Parallel session: S037: Focus on Visual Innovation  
Session Chair: Michael Renner, *The Basel School of Design, FHNW HGK, Switzerland*  
Thematic area: DUXU ---- Tuesday, 12 July, 10:30 – 12:30 ---- Room: Dixie

**Session Chair announcement**

Parallel session: **S125: Usability and Design**  
Thematic area: HCD --- Room: Empire

This session will be chaired by **Andrew Large**, *McGill University, Canada.*

**Cancelled presentations**

Paper: **The Effect of Vibrotactile Feedback on Novice Older Adults in Target Selection Tasks**  
Bora Üzümlü, Mehmet Göktürk, *Gebze Institute of Technology, Turkey.*

Parallel session: S110 New Ways of Working in Offices  
Session Chair: Elsbeth Korte, *TNO, Netherlands*  
Thematic area: EHAWC ---- Room: Union

Paper: **The Effects of Personality Type in User-Centered Appraisal Systems**  
Zacharias Lekkas, Nikos Tsianos, *University of Athens, Greece*; Panagiotis Germanakos, *University of Cyprus, Cyprus*; Constantinos Mourlas, *University of Athens, Greece*; George Samaras, *University of Cyprus, Cyprus.*

Parallel session: S115 Cognitive and Psychological Issues in HCI (I)  
Session Chair: Satoru Inoue, *Electronic Navigation Research Institute, Japan*  
Thematic area: HCI ---- Room: Madison

Paper: **Suggested Collaborative Learning Conceptual Architecture and Applications for Mobile Devices**

Kwang Lee, Abdul Razaque, *University of Northern Virginia, United States.*

Parallel session: S127 Mobile Services and Devices

Session Chair: Jonathan Kies, *Qualcomm, Inc., United States*

Thematic area: DUXU ---- Room: Taylor

### **Wednesday, 13 July, 16:00 – 18:00**

#### **Change of session chair**

Parallel session: S143 **Usability in the Life Science Industry**

Session Chairs: Brigitte Herrmann, *Siemens AG, Healthcare Sector, Imaging & Therapy, Germany*

Thematic area: DUXU ---- Room: Dixie

This session will be chaired by **Carsten Witte**, *Siemens AG, Germany.*

#### **Session Chair announcement**

Parallel session: **S132: Capturing and Consolidating Design Knowledge**

Thematic area: HCI ---- Room: Fulton

This session will be chaired by **Dimitris Grammenos**, *Foundation for Research & Technology - Hellas (FORTH), Greece.*

### **Thursday, 14 July, 08:00 – 10:00**

#### **Session Chair announcements**

Parallel session: **S150: HCI in the Physical, Architectural and Cultural Environment**

Thematic area: HCI --- Room: Taylor

This session will be chaired by **Elisa Rubegni**, *Università della Svizzera italiana, Switzerland.*

Parallel session: **S151: Interacting with the World Wide Web**

Thematic area: HCI --- Room: Union

This session will be chaired by **Dania Bilal**, *University of Tennessee, United States.*

### Change in time of paper presentations

Paper: **mGuides, Design and Usability of a Mobile System to Assist Learning in Critical Situations**  
Jaime Sánchez, Matías Espinoza, *University of Chile, Chile.*

moved from:

Parallel session: S156: Behavior Computer Animation, Communicability and Education for All  
Session Chair: Francisco Cipolla-Ficarra, *ALAIPO / AINCI, Italy*  
Thematic area: UAHCI ---- Room: Sarasota

to:

Parallel session The Future of Universal Access (II)  
Session Chairs: Noam Ben Asher, Ben-Gurion University of the Negev, Israel; Gisela Susanne Bahr, Florida Institute of Technology, United States  
Thematic area: UAHCI --- Wednesday, 13 July, 08:00-10:00 ---- Room: Empire

### Cancelled presentation

Paper: **Scenario and Task Based Interview to Evaluate Usability of Computer Assisted Data Collection**  
Luiz Agner, Patricia Tavares, *IBGE - Instituto Brasileiro de Geografia e Estatística, Brazil*; Simone Bacellar Leal Ferreira, *IBGE - Instituto Brasileiro de Geografia e Estatística / UNIRIO, Brazil.*

Parallel session: S161: Methods and Tools for Assessing and Enhancing the User Experience  
Session Chair: Federico Botella, *Miguel Hernandez University of Elche, Spain*  
Thematic area: DUXU ---- Room: Madison

**Thursday, 14 July, 10:30 – 12:30**

### Cancelled presentation

Paper: **Improving Code Reading and Comprehension on Large Displays**  
Selvihan Kaptan, *Bahcesehir University, Turkey*; Mehmet Göktürk, *Gebze Institute of Technology, Turkey.*

Parallel session: S178: User Experience in Complex Systems  
Session Chair: Shu-Wen Tzeng, *Auburn University, United States*  
Thematic area: DUXU ---- Room: Lexington

**Thursday, 14 July, 13:30 – 15:30**

### Session Chair announcement

Parallel session: **S195: Designing Products and Devices**  
Thematic area: DUXU --- Room: Jade

This session will be chaired by **Claudia Mont'Alvao**, *PUC - Rio de Janeiro, Brazil.*

### Cancelled presentations

Paper: **Economic Analysis of SON-enabled Mobile WiMAX**

Seungjin Kwack, *SAMSUNG Electronics, Korea*; Jahwan Koo, Jinwook Chung, *Sungkyunkwan University, Korea*.

Parallel session: S179: Intelligent HCI Convergence

Session Chair: Jahwan Koo, *Sungkyunkwan University, Korea*

Thematic area: HIMI ---- Room: Lake

Paper: **A Method with Tri-axial Acceleration Sensor for Fall Detection of the Elderly in Daily Activities**

Nan Bao, Cong Feng, Yan Kang, Lisheng Xu, Yuhang Du, Lei Zhang, Feifei Yang, Qingchao Li, *Northeastern University, P.R. China*.

Parallel session: S185: Functional Modeling and Rehabilitation (II)

Session Chair: Jue Wang, *Xi'an Jiaotong University, P.R. China*

Thematic area: UAHCI ---- Room: Dixie

### Change of session chair

Parallel session: S186 **Advanced Interaction Supporting Universal Access in Educational Systems**

Session Chairs: Vlado Glavinic, *University of Zagreb, Croatia*; Andrina Granić, *University of Split, Croatia*

Thematic area: UAHCI ---- Room: Union

This session will be chaired by **Margherita Antona**, *Foundation for Research & Technology - Hellas (FORTH), Greece*.

**Thursday, 14 July, 16:00 – 18:00**

### Change of session chair

Parallel session: S206 **Next Generation Social Media: Mass Collaboration as a Business Model**

Session Chair: Hans-Jörg Bullinger, *Fraunhofer, Germany*

Thematic area: OCSC ---- Room: Taylor

This session will be chaired by **Micha Block**, *Fraunhofer, Germany*

### Cancelled presentations

Paper: **A Study of Rapid Business Application Development in the Cloud**

Jie Cui, Jing Min Xu, *IBM Research, P.R. China*; Huiping Lin, Weiping Li, Zi Mu Sun, *Peking University, P.R. China*.

Parallel session: S211 User Experience in Business

Session Chair: Andreas Auinger, *Upper Austria University of Applied Sciences, Austria*;

Thematic area: DUXU ---- Room: Jade



Paper: **A Camera-aided Legibility Assessment Protocol of Displays for Enhanced Human-computer Interaction**

Hongyi Cai, *University of Kansas, United States.*

Paper: **Effects of Physical Display Size on GUI Designers' Perception and Implementation of Usability Guidelines**

Selvihan Kaptan, *Bahcesehir University, Turkey*; Mehmet Göktürk, *Gebze Institute of Technology, Turkey.*

Parallel session: S212 Usability Studies

Session Chair: Martin Maguire, *Loughborough University, United Kingdom*

Thematic area: DUXU ---- Room: Fulton

### **Change in time of paper presentations**

Paper: **Audiopolis, Navigation through a Virtual City Using Audio and Haptic Interfaces for People Who are Blind**

Jaime Sánchez, Javiera Mascaro, *University of Chile, Chile.*

moved from:

Parallel session : S202: New Trends in Non-visual Interaction

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Thematic area: UAHCI ---- Room: Liberty

to:

Parallel session: S027: The Future of Universal Access (I)

Session Chairs: Gisela Susanne Bahr, *Florida Institute of Technology, United States*; Ray Adams, *Middlesex University, United Kingdom*

Thematic area: UAHCI ---- Tuesday, 12 July, 10:30-12:30 --- Room: Union