



**HCI International 2009**

19-24 July 2009, San Diego, CA, USA

**Changes in the Conference Program**

**Tuesday, 21 July, 13:30-17:00**

**Tutorial 23 withdrawn by the presenter**

**Ambient Intelligence: Designing Interaction for Smart Artefacts**

Presenter: Norbert Streitz

**Tutorial 22 - change of room**

**Clinical Virtual Reality**

New room: Garden Salon One

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**Wednesday, 22 July, 08:00 – 10:00**

**Paper that will not be presented**

**Benefits and Challenges of Using Collaborative Development Environments with Social Software in Higher Computer Science Education**

Daniel Kadenbach, Carsten Kleiner

Parallel session: "Online Social Networking in Higher Education"

Thematic area: OCSC ---- Room: Royal Palm Salon Six

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**Wednesday, 22 July, 10:30 – 12:30**

**Change of session chair**

**Space for Interaction: Interaction for Space** (thematic area: HCI)

This session will be chaired by **Till Nagel**, *University of Applied Sciences Potsdam, Germany*

**Paper that will not be presented**

**Email Reply Prediction: A Machine Learning Approach**

Taiwo Ayodele, Shikun Zhou, Rinat Khusainov

Parallel session: "Interacting with the World Wide Web"

Thematic area: HIMI ---- Room: Sunrise

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**Wednesday, 22 July, 13:30 – 15:30**

**Change of session chair**

**Information Work Systems** (thematic area: EHAWC)

This session will be chaired by **Udo-Ernst Haner**, *Fraunhofer, Germany*

**Change in time of paper presentation**

**Cognitive Engineering for Direct Human-Robot Cooperation in Self-Optimizing Assembly Cells**

Marcel Mayer, Barbara Odenthal, Marco Faber, Jan Neuhöfer, Wolfgang Kabuß, Bernhard Kausch, Christopher Schlick

moved from:

Parallel session: "HCD and Innovation"

Session Chair: Kazuhiko Yamazaki

Thematic area: HCD ---- Friday, 24 July, 10:30 – 12:30 ---- Room: Royal Palm Salon Three

to:

Parallel session: "Rethinking the Context of Use"

Session Chair: Tadashi Kobayashi

Thematic area: HCD ---- Wednesday, 22 July, 10:30 – 12:30 ---- Room: Royal Palm Salon One

**Paper that will not be presented**

**Evaluating a Personal Communication Tool: Sidebar**

Malena Mesarina, Jhilmil Jain, Craig Sayers, Tyler Close, John Recker

Parallel session: "Evaluation of Case Studies"

Thematic area: HCI ---- Room: Windsor

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**Wednesday, 22 July, 16:00 – 18:00**

**Change in time of paper presentations**

**WeMe: Seamless Active and Passive Liquid Communication**

Nicolas Masson, Wendy Mackay

moved from:

Parallel session: "Designing Intelligent Interaction Environments"

Session Chair: Lajos Izsó

Thematic area: HCI ---- Thursday, 23 July, 13:30 – 15:30 ---- Room: Pacific Salon Three

to:

Parallel session: "Interaction and Collaboration"

Session Chair: James Sullivan

Thematic area: HCI ---- Wednesday, 22 July, 16:00 – 18:00 ---- Room: Windsor

**Collaboration Design System Using Internet and Virtual Reality Technology**

Hideki Aoyama, Rie Iida

moved from:

Parallel session: "Advanced Prototyping for Human-Centered Product Design"

Session Chair: Jouke Verlinden, Tek-Jin Nam

Thematic area: VMR ---- Thursday, 23 July, 10:30 – 12:30 ---- Room: Towne

to:

Parallel session: "The Effects of Visual Stimulation"

Session Chair: Akira Tanaka

Thematic area: VMR ---- Wednesday, 22 July, 16:00 – 18:00 ---- Room: Royal Palm Salon Four

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**Wednesday, 22 July, 16:00 – 18:00 (cont.)**

**Designing Universally Accessible Networking Services for a Mobile Personal Assistant**

Ioannis Basdekis, Panagiotis Karampelas, Voula Doulgeraki, Constantine Stephanidis  
moved from:

Parallel session: "New Trends in Web Accessibility"

Session Chairs: Constantine Stephanidis, George Margetis

Thematic area: UAHCI ---- Wednesday, 22 July, 16:00 – 18:00 ---- Room: Pacific Salon Two

to:

Parallel session: "Designing for Mobile Computing"

Session Chair: Stephen Kimani

Thematic area: UAHCI ---- Friday, 24 July, 16:00 – 18:00 ---- Room: Pacific Salon Two

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**Thursday, 23 July, 08:00 – 10:00**

**Papers that will not be presented**

**A Regulatory-Based Approach to Safety Analysis of Unmanned Aircraft Systems**

James Luxhøj, Ahmet Öztekin

Parallel session: "HCI in Aviation"

Thematic area: EPCE ---- Room: Towne

**Efficacy of Cognitive Training Experiences in the Elderly: Can Technology Help?**

Cristina Buiza, Mari Feli Gonzalez, David Facal, Valeria Martinez, Unai Diaz, Aitziber Etxaniz, Elena Urdaneta, Javier Yanguas

Parallel session: "Cognitive Accessibility and Cognitive Support"

Thematic area: UAHCI ---- Room: Pacific Salon Three

**Frequency of Usage and Feelings of Connectedness in Instant Messaging by Age, Sex, and Civil Status**

Michael Stiso

Parallel session: "Human-Centered Applications"

Thematic area: HCD ---- Room: Royal Palm Salon Two

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**Thursday, 23 July, 10:30 – 12:30**

**Change of session chair**

**Virtual Classroom & Communicability: Empathy and Interaction for all** (thematic area: HCI)

This session will be chaired by **Andreas Kratky**, *University of Southern California, United States*.

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**Collaboration Design System Using Internet and Virtual Reality Technology**

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**WeMe: Seamless Active and Passive Liquid Communication**

Nicolas Masson, Wendy Mackay

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to:

Parallel session: "Interaction and Collaboration"

Session Chair: James Sullivan, *University of Colorado at Boulder, United States*

Thematic area: HCI ---- Wednesday, 22 July, 16:00 – 18:00 ---- Room: Windsor

**Papers that will not be presented**

**Study of Human Anxiety on the Internet**

Santosh Kalwar, Kari Heikkinen

Parallel session: "Beyond Usability"

Thematic area: HCI --- Room: Windsor

**Verb Processing in Spoken Commands for Household Security and Appliances**

Ioanna Malagardi, Christina Alexandris

Parallel session: "Universal Accessibility of Documents - II"

Thematic area: UAHCI --- Room: Pacific Salon Two

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**Thursday, 23 July, 16:00 – 18:00**

**Change in time of paper presentation**

**A Prototype to Validate ErgoColn: a Web Site Ergonomic Inspection Technique (financially supported by FAPESP, Brazil, [www.fapesp.br](http://www.fapesp.br))**

Marcelo Morandini, Walter Cybis, Dominique Scapin

moved from:

Parallel session: "Web Design"

Session Chair: Jan-Torsten Milde

Thematic area: HCI ---- Friday, 24 July, 13:30 – 15:30 ---- Room: Garden Salon One

to:

Parallel session: "Information Search"

Session Chair: Michael Smith

Thematic area: HIMI ---- Thursday, 23 July, 16:00 – 18:00 ---- Room: Sunrise

**Paper that will not be presented**

**Facial Gender Classification using LUT-based Sub-images and DIE**

Jong-Bae Jeon, Sang-Hyun Jin, Dong Ju Kim, Kwang-Seok Hong

Parallel session: "User Modelling and Data Mining"

Thematic area: DHM --- Room: Royal Palm Salon Two

**Friday, 24 July, 08:00 – 10:00**

**Papers that will not be presented**

**Block Division for 3D Head Shape Clustering**

Jianwei Niu, Zhizhong Li, Song Xu

Parallel session: "3D Body Scanning Applications and Limitations"

Thematic area: DHM ---- Room: Royal Palm Salon Four

**User-Centred Design and Literacy Tools for the Deaf**

Tania Di Mascio, Rosella Gennari

Parallel session: "Participatory Approaches in Design for All (DfA)"

Thematic area: UAHCI ---- Room: Pacific Salon Two

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**Friday, 24 July, 10:30 – 12:30**

**Change of session chair**

**Computing for Sustainable Socio-Economic Development** (thematic area: IDGD)

This session will be chaired by **Nimmi Rangaswamy**, *Microsoft Research, India*.

**Paper that will not be presented**

**The Usability of Web Accessibility Guidelines: An Approach for Evaluation**

Maria Kapsi, Evangelos Vlachogiannis, Jenny Darzentas, Thomas Spyrou

Parallel session: "Accessibility Issues and Studies"

Thematic area: UAHCI ---- Room: Pacific Salon Three

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**Friday, 24 July, 13:30 – 15:30**

**Change of session chair**

**Human Modeling: New Trends** (thematic area: DHM)

This session will be chaired by **Vincent Duffy**, *Purdue University, USA*

**Change in time of paper presentation**

**Cognitive Engineering for Direct Human-Robot Cooperation in Self-Optimizing Assembly Cells**

Marcel Mayer, Barbara Odenthal, Marco Faber, Jan Neuhöfer, Wolfgang Kabuß, Bernhard Kausch, Christopher Schlick

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**Friday, 24 July, 13:30 – 15:30 (cont.)**

**A Prototype to Validate ErgoColn: a Web Site Ergonomic Inspection Technique (financially supported by FAPESP, Brazil, [www.fapesp.br](http://www.fapesp.br))**

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**Papers that will not be presented**

**Perceptions on Interaction Design in Malaysia**

Idyawati Hussein, Esmadi Abu Abu Seman, Murni Mahmud

Parallel session: "Addressing a Global Market"

Thematic area: IDGD ---- Room: Royal Palm Salon Six

**A Comparative Study for Selecting Initial Cluster Centers in 3D Anthropometric Data Clustering**

Jianwei Niu, Zhizhong Li, Gavriel Salvendy

**Multi-Scale Human Modeling with Comparison Across Populations**

Fei Song, Zhizhong Li, Ting Li

**A 3D Method for Fit Assessment of a Sizing System**

Jiang Wu, Zhizhong Li, Jianwei Niu

Parallel session: "Human Modeling: New Trends"

Thematic area: DHM ---- Room: Royal Palm Salon Two

**Friday, 24 July, 16:00 – 18:00**

**Change of session chair**

**Collaborative Development and new Devices for Human Computer Interaction** (thematic area: HCI)

This session will be chaired by **Dieter Spath**, *Fraunhofer, Germany*

**Change in time of paper presentation**

**Designing Universally Accessible Networking Services for a Mobile Personal Assistant**

Ioannis Basdekis, Panagiotis Karampelas, Voula Doulgeraki, Constantine Stephanidis

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Parallel session: "**Designing for Mobile Computing**"

Session Chair: Stephen Kimani

Thematic area: UAHCI ---- Friday, 24 July, 16:00 – 18:00 ---- Room: Pacific Salon Two

Friday, 24 July, 16:00 – 18:00 (Cont.)

**Paper that will not be presented**

**Comparisons of 3D Shape Clustering with Different Face Area Definitions**

Jianwei Niu, Zhizhong Li, Song Xu.

Parallel session: "Shape Representation and Analysis"

Thematic area: HCD ---- Room: Royal Palm Salon Four

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**Posters that will not be presented**

**009 - Application of Machine Learning Algorithms for Email Management**

Taiwo Ayodele, Shikun Zhou, Rinat Khusainov

**092 - Metagnostic Question Answering from Biomedical Texts**

John Kontos, Joseph Armaos, Ioanna Malagardi

**173 - Assessment of Collaborating Pre-school Children Chess Learning: Software as an Interaction Tool**

Sanaz Sohrabi, Moosa Kashani, Hassan Sadeghi Naeini