



HCI2008 FINAL PROGRAMME

You are very welcome to Liverpool to participate in HCI 2008 Culture, Creativity, Interaction. The tag line for 2008 is "Culture, Creativity, Interaction" reflecting the fact that in 2008 Liverpool is the European Capital of Culture. Throughout the year there will be cultural events ranging from community arts to headline events such as the Turner Prize. In the week before the conference there will be the Annual Beatles Week and immediately afterwards Liverpool will host the British Academy Festival of Science. The Biennial Festival of Contemporary Art also takes place, starting September. Our cultural theme reflects not just events in Liverpool but also recent developments in HCI where the arts and humanities offer us both new insights and new challenges. Though "culture" is not the only theme for the conference we hope to reflect the cultural events happening in the rest of the city and on Merseyside. Our hope is that culture will be a unifying theme for the various strands that form the HCI family of disciplines.

Liverpool itself has undergone a renaissance in recent decades and many of the city's projects will have reached their culmination in 2008. So as Liverpool is being re-made it may also be time to reflect on how HCI might be re-made. What new challenges do we face? How many of our current approaches and methods meet these challenges? What has to change in HCI if we are to continue making progress? We look forward to submissions addressing new challenges and overturning accepted convention, or confirming past practice.

The conference includes an exciting range of presentations, panels, workshops, tutorials, interactive demonstrations and opportunities to interact with fellow researchers, practitioners, educators and users.

David England (Conference chair)

Tom McEwan (Conference Fairy Godperson)

HCI2008 Conference Venue

LJMU is proud to be a modern university, with learning and the advancement of our students at the heart of all our activity. Our ethos is dream, plan, achieve and we aim to nurture the dreams of every single student. Our approach is holistic in nature - we provide stimulating and challenging programmes of study that are informed by scholarship and research, and that engender a spirit of academic enquiry; and we also provide an environment conducive to the personal development of our students - for example, through our Foundation for Citizenship we encourage students to become thoughtful, ethical people. We understand the importance of real-world experience and help students to gain practical experience through work placements. We also are aware that university isn't all about working and studying so we encourage students to socialise with their peers in a variety of ways - for example, in conjunction with

Liverpool Students' Union we provide a wide range of sporting and recreational opportunities for our students and staff. LJMU has been awarded significantly more research funding than many of the new universities and this is due to our strong Research Assessment Exercise ratings. LJMU has a number of areas, located throughout the University, where world class research is being undertaken. The University is firmly rooted in the real world and our expertise and professionalism is widely recognised by the business community. Businesses have been quick to recognise the benefits of a relationship with LJMU and have taken advantage of the services we offer - from consultancy to professional training.

The British HCI Conference Series

HCI2008 is the 22nd Annual Conference of the British HCI Group, a specialist group of the British Computer Society.

Established in 1985, the conference has become the premier annual conference on Human-Computer Interaction in Europe. The HCI conference has always addressed the needs of practitioners and researchers through a balance of conference activities. Each annual conference has a theme, but submissions on any HCI topic are always welcome.

The British HCI Group: interaction <http://www.bcs-hci.org.uk/>

Key to this Programme

This programme is arranged by day, timeslot, parallel session. Papers in each session are listed in the order of presentation.

SESSION TITLE

Venue: Location of Room

Name of the Session Chair

Title (FP=Full Paper, SP=Short Paper, SS=Student Paper) (Page Number)

Authors Names

Keywords

Note that the time allocated for presentation, questions and



All Monday and Tuesday sessions run as follows:

MONDAY 08.00-17.30 WORKSHOP/TUTORIAL/DOCTORAL CONSORTIUM REGISTRATION

Venue: Room 323 James Parsons Building

09.00-10.30 Session 1

10.30-11.00 Coffee in room 322/324

11.00-12.30 Session 2

12.30-13.30 Lunch in room 322/324

13.30-15.00 Session 3

15.00-15.30 Coffee in room 322/324

15.30-17.00 Session 4

MONDAY TUTORIAL

Venue: 3rd Floor James Parsons Building

Research Methods for HCI (Tutorial) (221)

Paul Cairns, Anna L Cox, Harold Thimbleby, Natalie Webb

A one-day tutorial on research methods for HCI presented by contributors to the forthcoming, "Research Methods for HCI" book, Cambridge University Press.

MONDAY WORKSHOPS

Venue: 3rd Floor James Parsons Building

Whole Body Interaction 2 (209)

David England

Venue: 3rd Floor James Parsons Building

HCI and the Older Population (193)

Joy Goodman-Deane, Suzette Keith, Gill Whitney

Venue: 3rd Floor James Parsons Building

First International Workshop on using Ontologies in Interactive Systems (195)

Matt-Mouley Bouamrane, Saturnino Luz

Venue: 3rd Floor James Parsons Building

HCI for Technology Enhanced Learning (185)

Willem-Paul Brinkman, Charles van der Mast, Annette Payne, Joshua Underwood

Venue: 3rd Floor James Parsons Building

Critical Issues in Interaction Design (183)

Mark Blythe, Jeffrey Bardzell, Shaowen Bardzell, Alan Blackwell

Venue: 3rd Floor James Parsons Building

Evaluating Player Experiences in Location Aware Games (205)

Rod McCall, Anne-Kathrin Braun, Barbara Grueter

SOMETHING TO SAY ABOUT USABILITY?



UsabilityNews seeks contributors

UsabilityNews is the foremost online news service for members of the human-computer interaction profession, with a global readership in excess of 30,000. Carrying a huge range of jobs, events, training courses and research projects, the site offers highly topical, relevant news stories to researchers and practitioners in usability; user experience design; information architecture; multimedia; graphic and product design; and mobile technology interface development.

UsabilityNews is currently reviewing its own remit with a view to extending the interactivity of the site. Quite simply, we're looking for more material from the coalface of the profession. Judging by the growing number of blogs out there, there are quite a few of you engaged in fascinating projects which deserve a wider audience, or who are able to write about the complex challenges, current puzzles and future possibilities of the field in a way that gets the community buzzing.

If you've presented at the conference this year, or you're preparing something for next year, we'd like to hear about it. If you write a blog, if you quite like the idea of writing a blog, or if you have strong opinions about any aspect of the profession, please consider discussing your ideas with us.

Myself and other members of the Advisory Board will be happy to chat to potential contributors at HCI 2008. If you can't be there, you can contribute articles directly at usabilitynews.com using the Contribute button, or you can contact me by email at editor@usabilitynews.com.

As always, we look forward to hearing from you. We also welcome your contributions to Interfaces, the magazine of the British HCI Group, or to the Purple Press, the shapeshifting seedy underbelly of the conference.

Joanna Bawa

Editor Usability News

TUESDAY 9:00-17:30

TUESDAY TUTORIAL

Venue: 3rd Floor James Parsons Building

Using Personas Effectively (Tutorial) (215)

Peter Bagnall

Learn to conduct user research aimed at persona creation, and to effectively use those personas on large and small projects, from an experienced designer who worked with their inventor, Alan Cooper.

TUESDAY WORKSHOPS

Venue: 3rd Floor James Parsons Building

Emotion in HCI – Designing for People (189)

Christian Peter, Elizabeth Crane, Marc Fabri, Harry Agius, Lesley Axelrod

Venue: 3rd Floor James Parsons Building

Workshop HCI for Medicine and Health Care (HCI4 MED) (191)

Andreas Holzinger, Russell Beale, Harold Thimbleby

Venue: 3rd Floor James Parsons Building

Innovations in measuring accessibility: theoretical and practical perspectives (197)

Ray Adams, Helen Petrie

Venue: 3rd Floor James Parsons Building

The challenges faced by academia preparing students for industry: What we teach and what we do (203)

Lidia Oshlyansky, Paul Cairns, Angela Sasse, Chandra Harrison

Venue: 3rd Floor James Parsons Building

HCI and the Analysis and Design of Services (207)

Peter Wild

Venue: 3rd Floor James Parsons Building

Designing for people who do not read easily (201)

Caroline Jarrett, Katie Grant, William Wong, Neesha Kodagoda

TUESDAY DOCTORAL CONSORTIUM

Venue: 3rd Floor James Parsons Building

Facilitating and measuring older people's creative engagement in a user centred design process (253)

Helena Sustar

Older people, creativity, co-design, cultural probes, participatory design, methodology

Motivation for Adopting Emergency Response Technology in Community Settings (259)

Philip Fei Wu

Motivation, emergency response, technology adoption, community

MECE Categorisation Method for Typing Errors (249)

Akiyo Kano

Typing error classification, categorising error, text input, children's typing, dyslexia

Helping Users Create and Remember More Secure Text Passwords (247)

Alain Forget

Security, Human Factors, Experimentation

Determining Value in Informant Design with Children (251)

Emanuela Mazzone

Performance, Design, Experimentation, Human Factors, Theory

TUESDAY 9.00- 18.00 REGISTRATION FOR THE MAIN CONFERENCE

Room 322, James Parsons Building, LJMU

TUESDAY 19:00 -22.00

Venue: Tate Liverpool, Albert Dock

HCI Pre-Conference Reception

All workshop delegates and conference attendees are invited to attend an informal reception at Tate Liverpool, Albert Dock. A buffet will be served between 19:00 and 22:00. Tours of the permanent collection will be available.

<http://www.tate.org.uk/liverpool> for more information



WEDNESDAY 08.00-18.00

Conference Registration

Liverpool Suite foyer, Holiday Inn

Please proceed to your allocated hotel to register for accommodation

Wednesday 09-9.15

Liverpool Suite

Introduction, by the Vice-Chancellor of Liverpool John Moores University

WEDNESDAY 09.30-10.30

Keynote Speaker

YVONNE ROGERS, OPEN UNIVERSITY

New Horizons For HCI

HCI is experiencing a renaissance. No longer only about being user-centred, it has set its sights on pastures new, embracing a much broader and far-reaching set of interests. From emotional, eco-friendly, embodied experiences to context, constructivism and culture, HCI is changing apace: from what it looks at, the lenses it uses and what it has to offer. At the same time, new technologies are proliferating and transforming how we live our lives, for example, significant growth in techno-dependency and hyper-connectivity. As a result of these changes, HCI researchers and practitioners are facing a congeries of concerns that can be overwhelming. In my talk, I discuss how a different way of thinking is needed to help manage and make sense of the multiple perspectives, challenges and issues that increasingly define HCI.

WEDNESDAY 10.30-11.00

Conference Foyer

Coffee

Liverpool Suite

POSTERS, DEMONSTRATIONS AND EXHIBITION

Posters, Demonstrations and the Exhibition can be viewed each day during the coffee and lunch breaks. Today's posters include Doctoral Consortium and Organisational Overviews. Exhibitors are listed on page 12.

Doctoral Consortium Posters

Facilitating and measuring older people's creative engagement in a user centred design process (253)

Helena Sustar

Motivation for Adopting Emergency Response Technology in Community Settings (259)

Philip Fei Wu

MECE Categorisation Method for Typing Errors (249)

Akiyo Kano

Helping Users Create and Remember More Secure Text Passwords (247)

Alain Forget

Determining Value in Informant Design with Children (251)

Emanuela Mazzone

Lab Overviews

The Creativity and Cognition Studios (167)

Ernest Edmonds

The HCI Lab at UNC Charlotte (169)

Celine Latulipe & Heather Richter Lipford

UsaLab: the Experience of a Usability Lab from the Mexican Perspective (171)

Mario A. Moreno Rocha & Dayfel Hernández Martínez

SaRT Project: Research in the Intersection between Software and Art (173)

Anna Trifonova & Letizia Jaccheri

Reactor3 Installations

LooseControl.tv: Live interactive webcasting in a collaborative way

Lodewijk Loos, Taco van Dijk, Tom Demeyer

Simulating Impairment

Joy Goodman-Deane, Sam Waller, P John Clarkson

Murmur

Robert Davis

fragments of place

Michael Smyth, Ingi Helgason & David Benyon

Sound of the Crowd

Tom Flint and Chris Cousin

(on the BBC BigScreen, Clayton Square)

WEDNESDAY 11.00-12:30

Liverpool Suite

SENSE MAKING I

Chair: Oscar de Bruijn

Location-based Photography as Sense-making, (FP)(133)

Chris Baber, James Cross, Tariq Khaleel & Russell Beale

The Roles of Time, Place, Value and Relationships in Collocated Photo Sharing with Camera Phones, (FP)(141)

Hanna Stelmaszewska, Bob Fields & Ann Blandford

Wednesday

Sharing Vocabularies: Tag Usage in CiteULike, (SP)(71)

Sylvie Noël & Russell Beale

Pixaura: Supporting Tentative Decision Making when Selecting and Sharing Digital Photos (SP)(87)

Lalatendu Satpathy, Saara Kamppari, Bridget Lewis, Ajay Prasad, Yong Woo Rhee, Benjamin Elgart & Steven Drucke

INPUT/OUTPUT

Chair: Beryl Plimmer

Shanghai Suite

Conveying Availability and Capability to Communicate in Naturalistic Interaction (SP)(43)

Victoria Land, Mary Lumkin & David Frohlich

A Comparison of the Impact of Avoidance Cues in Hazard Avoidance During Evaluation of Text Entry (SP)(57)

Joanna Lumsden & Patrick Drost

Comparing Interaction Strategies for Constructing Diagrams in an Audio-only Interface (SP)(65)

Oussama Metatla, Nick Bryan-Kinns & Tony Stockman

A Comparison of Motion and Keypad Interaction for Fine Manipulation on Mobile Devices (SP)(93)

Lasse Schwarten, Benjamin Walther-Franks, Christoph Grimmer & Sebastian Feige

PDP – Pen Driven Programming (SS)(127)

Jonathan Frye & Björn Franke

An Eye Tracking Study of How Font Size and Type Influence Online Reading, (SP)(15)

David Beymer, Daniel Russell & Peter Orton

REACTOR3

Chair: Jennifer G. Sheridan

New York Suite

Opening Remarks

Tom Lloyd, Dreamtime Film

(re)Actor3 Keynote

MARTYN WARE

Illustrious Company

Sharewear

Di Mainstone/ Stock Stock and Simon de Bakker

Shaping Forms on the Web

Ernest Edmonds and Shigeki Amitani

I seek the nerves under your skin: a movement poem

Joe Marshall

WEDNESDAY 12:30-14:00

Conference Foyer

Lunch

Posters, Demonstrations and Exhibition

WEDNESDAY 14:00-15:30

VISUAL EXPERIENCE

Chair: William Wong

Liverpool Suite

Effect of Fidelity in Diagram Presentation (FP) (35)

Louise Yeung, Beryl Plimmer, Brenda Lobb & Douglas Elliffe

Designing a Head-Up Game for Children, (FP) (45)

Koen Hendrix, Guo Yang, Dirk van de Mortel, Tim Tijis & Panos Markopoulos

From Immersion to Addiction in Videogames (FP) (55)

May-li Seah & Paul Cairns

PANEL 1

Chair: Ann Light

Shanghai Suite

Seeding Without Leading: Making Space for Participant Contribution in Design Elicitation Techniques (159)

Ann Light, Pam Briggs & Karen Martin

REACTOR3 – INTERACTION AND LIVENESS

Chair: Nick Bryan-Kinns

New York Suite

Interactive Music using Multi-Touch Cellular Automata

Robin Fencott

Darwinian Donations (DIY)

Gaynor Evelyn Sweeney

Sound of the Crowd

Tom Flint and Chris Cousin

LooseControl.tv: Live interactive webcasting in a collaborative way

Lodewijk Loos, Taco van Dijk & Tom Demeyer

Interactive Surveillance

Celine Latulipe and Annabel Manning

WEDNESDAY 15.30-16:00

Conference Foyer

Coffee

Liverpool Suite

Posters, Demos and Exhibits

WEDNESDAY 16:00-17:30

SENSE MAKING II

Chair: Tom McEwan

Liverpool Suite

Cueing Digital Memory: How and Why do Digital Notes Help Us Remember? (FP)(153)

Vaiva Kalnikait & Steve Whittaker

Sonic Gems: Exploring the Potential of Audio Recording as a Form of Sentimental Memory Capture (FP)(163)

Gerard Oleksik & Lorna M. Brown

Effects of Low & High Literacy on User Performance in Information Search and Retrieval (FP)(173)

Neesha Kodagoda & B. L. William Wong

METHODS 1

Chair: Paul Cairns

Shanghai Suite

Understanding Children's Contributions during Informant Design (SP) (61)

Emanuela Mazzone, Janet Read & Russell Beale

What You See is What You Worry About: Errors – Real and Imagined (SP) (79)

Janet C. Read

Supporting Scenario Building in Product Design (SS) (111)

Irene Anggreeni & Mascha van der Voort

Bodily Awareness: An Exploration in Critical Design (SS) (119)

Daniel Brynolf, Vanessa Carpenter, Mads Hobyte & Henrik Svarrer Larsen

Usability Framework for the Design and Evaluation of Multimodal Interaction (SS) (123)

Jaeseung Chang & Marie-Luce Bourguet

REACTOR3 – OPEN, ACCESSIBLE, EASY?

Chair: Tom Lloyd

New York Suite

Mother: Making the Performance of Real-Time Computer Graphics Accessible to Non-programmers

Ilias Bergstrom and Beau Lotto

Simulating Impairment

Joy Goodman-Deane, Sam Waller, P John Clarkson

The Open Wall

Letizia Jaccheri, Anna Trifonova and Gunnar Tutte / Espen Gangvik

A Manifesto of Digital Folk Music

Thomas Tichai

Reactor3: Closing Remarks

Jennifer G. Sheridan

WEDNESDAY 17:30-18:00

Liverpool Suite

Award For International Excellence

Data Visualisation and Data Mining Technology for Supporting Care for Older People

Nubia Gil, Nicolas Hine, John Arnott, Julienne Hanson, Richard Curry

WEDNESDAY 19:00 - MIDNIGHT

Contemporary Urban Centre, Greenland St

(re)Actor3 "This is LIVERpool"

HCI2008 and Reactor3 welcome all delegates to a buffet and drinks reception followed by an evening of Digital Live Art.

Martyn Ware MC

(re)Actor3 Hostesses (walkabout performance)

Installations

I seek the nerves under your skin: a movement poem

Joe Marshall

Interactive Music using Multi-Touch Cellular Automata

Robin Fencott

Degradazione per Sovrapposizione di Corpi

Salvatore Ianconesi and Oriana Persico

Shaping Forms on the Web

Ernest Edmonds and Shigeki Amitani

The Giant Instrument

Centre for Digital Music

Interactive Surveillance: Audience Interaction with Moving Digital Paintings

Celine Latulipe and Annabel Manning

Performances

19:30 Go!Imp IV (Café Stage)

Kingsley Ash

20:00 Sharewear (Venue 2)

Di Susan Mainstone, Stock Stock and Simon de Bakker

20:30 'Psi-chic' (Venue 2)

Luciana Hall

21:00 Future of Sound (Venue 2)

21:30 Sara Nichols (Café Stage)

22:00 The Sancho Plan (Venue 2)

22:30-00:00 DJ & Dancing (Venue 2 & Café Stage)

THURSDAY 08.30-18:00

CONFERENCE REGISTRATION

Conference Foyer

Please proceed to your allocated hotel to register for accommodation.

THURSDAY 09.30-10.30

Keynote Speaker

ANDREW KIRBY, MICROSOFT, UK

Improving Patient Safety Using the Microsoft Common User Interface

For the last three years Microsoft has been working with the National Health Service and growing worldwide community of healthcare providers and clinical application developers to explore how more consistent user interfaces can improve patient safety. The Microsoft Health Common User Interface provides user interface design guidelines and software components for a core set of clinical functions.

This session is an introduction to design guidelines and software components that make up the Microsoft Health Common User Interface and how they can be used to build safer, usable and more compelling healthcare applications using .NET and Programming Microsoft Silverlight 2.0.

- An overview of the Microsoft Health Common User Interface and how it can be used.
- Understand how the design guide and software components are developed.
- Learn how you can join the Microsoft Health CUI community project.

THURSDAY 10:30-11:00

Conference Foyer

Coffee

POSTERS AND EXHIBITION

Posters and the Exhibition can be viewed each day during the coffee and lunch breaks. Exhibitors are listed on page 12.

Posters

Exploring Multimodal Robotic Interaction through Storytelling for Aphasics (145)

Omar Mubin & Abdullah Al Mahmud

Interactive Whiteboards in the Living Room? – Asking Children about their Technologies (147)

Matthew Horton & Janet C. Read

Experiences in Designing Personal Health Assistants for the Impending Aged Generation (149)

Dina Ahmad, Andreas Komninos & Lynne Baillie

Design Approach for Touch Based User Interfaces (151)

Hyun-Chul Lee & Jung-Woon Lee

Are Concepts Useful for Organizing Search Results? (153)

P. Y. Ko, R. W. P. Luk, E. K. S. Ho, F. L. Chung & D. L. Lee

Involvement in Video Material: Concept Mapping (155)

Nele Van den Ende, Jettie Hoonhout & Lydia Meesters

THURSDAY 11:00-12:30

ASSISTIVE TECHNOLOGY

Chair: Pam Briggs

Liverpool Suite

An Apartment-based Metaphor for Intuitive Interaction with Ambient Assisted Living Applications (FP) (67)

Sebastian Adam, Kizito Ssamula Mukasa, Kai Breiner & Marcus Trapp

Designing for Elders: Exploring the Complexity of Relationships in Later Life, (FP) (77)

Siân E. Lindley, Richard Harper & Abigail Sellen

Enabling Storytelling by Aphasics in an Augmented Home Environment (SP)(3)

Abdullah Al Mahmud, Dzmitry Aliakseyeu & Jean-Bernard Martens

Walk 2 Win: Towards Designing a Mobile Game for Elderly's Social Engagement (SP)(11)

Omar Mubin, Suleman Shahid & Abdullah Al Mahmud

HCI PRACTICE

Chair: Tom Stewart

Shanghai Suite

Label Placement in Forms – What's Best? (229)

Caroline Jarrett

Mobile LifeDiary™: True Life Management Service(231)

Youngho Rhee, Banghun Chun & Eun Jung Lee

Exploring the Impulsion and Vibration Effects of Tactile Patterns (237)

Muhammad Tahir, Gilles Bailly & Eric Lecolinet

User Test of Soccer Highlights Application (241)

Lu Wang, Pedro Fonseca & Bas Zoetekouw

SOCIAL AND MOBILE I

Chair: Alan Blackwekk

New York Suite

EZ Phone: Persuading Mobile Users to Conserve Energy (SP)(7)

Abdullah Al Mahmud, Suleman Shahid, James F. Juola & Boris de Ruyter

Enomia, Toward a Framework for Multi-touch Information Displays in Public Spaces (SP)(31)

Tom Cuyppers, Jan Schneider, Johannes Taelman, Kris Luyten & Philippe Bekaert

Ubiquitous Healthcare: Do we want it? (SP) (53)

Linda Little & Pam Briggs

Office Activity Recognition using Hand Posture Cues(SP)(75)

Brandon Paulson & Tracy Hammond

Dance.Draw: Exquisite Interaction (SP)(47)

Celine Latulipe & Sybil Huskey

Struggling with Gift-Giving Obligations: When Mobile Messages are too Laborious to Reciprocate (SP)(83)

Antti Salovaara

THURSDAY 12:30- 14:00

Conference Foyer

Lunch

Liverpool Suite

POSTERS AND EXHIBITION

THURSDAY 14:00- 15:30

CULTURE

Chair: Alan Dix

Liverpool Suite

Cultural Dimensions for User Experience: Cross-Country and Cross-Product Analysis of Users' Cultural Characteristics (FP)(3)

Inseong Lee, Gi Woong Choi, Jinwoo Kim, Solyung Kim, Kiho Lee, Daniel Kim, Myunghee Han, Seung Yong Park & Yongil An

Wave Like an Egyptian — Accelerometer Based Gesture Recognition for Culture Specific Interactions (FP) (13)

Matthias Rehm, Nikolaus Bee & Elisabeth André

Disclosing Spoken Culture: User Interfaces for Access to Spoken Word Archives (FP)(23)

Willemijn Heeren & Franciska de Jong

PANEL 2

Chair: Tom Stewart

Shanghai Suite

HCI: Whose Job is it Anyway? (163)

Panel Members:

Jarnail Chudge, UX Architect, Microsoft,
Stephen Corbett, Head of UI Design, NHS
Connecting for Health,
Peter Dixon, Senior User Experience Manager,
Telefonica O2 UK Ltd,
Guy Faithful, Acting Head of Human Factors Group,
BT Design

EDUCATION

Chair: Linda Little

New York Suite

SMART: a System of Augmented Reality for Teaching 2nd Grade Students (SP)(27)

Rubina Freitas & Pedro Campos

Efficiency of Multimodal Metaphors in the Presentation of Learning Information (SS)(107)

Marwan Alseid & Dimitris Rigas

News Not Noise: Socially Aware Information Filtering (SS) (115)

Jonathan Melhuish & Russell Beale

In Search of Tangible Magic (SP)(97)

Diana Xu, Janet C. Read & Robert Sheehan.



THURSDAY 15.30-16:00

Conference Foyer

Coffee

Liverpool Suite

POSTERS AND EXHIBITION

THURSDAY 16:00-17:30

Liverpool Suite

HCI METHODS II

Chair: Leslie Fountain

Heterogeneity in the Usability Evaluation Process (FP)(89)

Martin Schmettow

An Investigation into the use of Field Methods in the Design and Evaluation of Interactive Systems (FP)(99)

Kelly Monahan, Mia Lahteenmaki, Sharon McDonald & Gilbert Cockton

The SenseCam as a Tool for Task Observation (SP)(19)

Darah Byrne, Aiden R. Doherty, Gareth J. F. Jones, Alan F. Smeaton, Sanna Kumpulainen & Kalervo Järvelin

Understanding Behaviors and Needs for Home Videos (SP)(23)

Marco Campanella & Jettie Hoonhout

PRIVACY AND MEDICINE

Chair: Harold Thimbleby

Shanghai Suite

Strategies and Struggles with Privacy in an Online Social Networking Community (FP) (111)

Katherine Strater & Heather Richter Lipford

Influencing Users Towards Better Passwords: Persuasive CuedClick-Points (FP)(121)

Sonia Chiasson, Alain Forget, Robert Biddle & P. C. van Oorschot

Distributed Cognition and Mobile Healthcare Work (SP)(35)

Joseph McKnight & Gavin Doherty

Future Mobile Health Systems: Designing Personal Mobile Applications to Assist Self Diagnosis (SP)(39)

Dina Ahmad, Andreas Komninos & Lynne Baillie

THURSDAY 17:30-18:00

Liverpool Suite

Award For International Excellence

The Inspection of Very Large Images by Eye-gaze Control

Nicholas Adams, Mark Witkowski and Robert Spence

THURSDAY 18:00-18:30

New York Suite

Interaction group AGM

Russell Beale and the Interaction group Committee. Members invited to attend.

19:00 CONFERENCE DINNER

Maritime Museum, Albert Dock

Conference Dinner and tour

About the Museum: Discover Liverpool's central role in centuries at sea as the gateway to the new world. Highlights include a poignant gallery about tragedies such as the Titanic, ship models and the Life at Sea display, telling how merchant navy ships operating out of the port have provided a lifeline in times of war and peace. The tour will open at 19:00.

Student volunteers will escort delegates from the main hotels to the Albert Dock (10-15 minutes walk). Delegates will be able to view the exhibition prior to dinner.

A three course dinner with wine will be served from 20:00 to 23:00



FRIDAY 9.30-10:30

DEMANDING TASKS

Chair: Ernest Edmonds

Liverpool Suite

Assessing the Benefits of Multimodal Feedback on Dual-Task Performance under Demanding Conditions (FP)(185)

Ju-Hwan Lee & Charles Spence

Evaluation Driver Attention and Driving Behaviour: Comparing Controlled Driving and Simulated Driving (FP)(193)

Kenneth M. Bach, Mads G. Jæger, Mikael B. Skov & Nils G. Thomassen

SOCIAL AND MOBILE II

Chair: Sylvie Noel

Shanghai Suite

Why an Emergency Alert System isn't Adopted: The Impact of Socio-Technical Context (SP)(101)

Philip Fei Wu, Yan Qu & Jennifer J. Preece

Seam Carving for Enhancing Image Usability on Mobiles (SS)(131)

Nicholas Hill & Parisa Eslambolchilar

Can Technology-rich Spaces Support Multiple Uses? (SS)(135)

Nadia Pantidi, Hugh Robinson & Yvonne Rogers

Representing Location in Location-based Social Awareness Systems (SS)(139)

Michael Voong & Russell Beale

FRIDAY 10.30-11.00

Liverpool Suite

Award for International Excellence

ThinSight: Versatile Multi-touch Sensing for Thin Form-factor Displays.

Steve Hodges, Shahram Izadi, Alex Butler, Alban Rustemi, Bill Buxton

FRIDAY 11:00-11.30

Conference Foyer

Coffee

FRIDAY 11.30-12.30

Liverpool Suite

Keynote Speaker

PAUL DOURISH, UNIVERSITY OF CALIFORNIA, IRVINE, USA

Madness in Our Method: Combining Ethnographic Inquiry and Technology Design

HCI has always been a site of interdisciplinary engagement. Recently, ethnography – whether as a practice or as a brand – has become a major aspect of many HCI projects in academia and in industry. It has become engineering's "secret sauce". Some significant questions attend this appropriation, though. From the perspective of research in interactive IT and its applications, this talk will examine some of the reasons that ethnography has been broadly perceived as relevant, some of the transformations and reinterpretations of ethnography that this implies, and some ways to reconceive the relationship between ethnographic inquiry and design practice that take both seriously. More broadly, this opens up questions of how we might think about HCI and interdisciplinarity.



FRIDAY 12.30 – 13:00: CONFERENCE CLOSE AND HANDOVER TO HCI2008

Liverpool Suite

David England and Alan Blackwell (Chair HCI2009)

HCI 2009: Celebrating People and Technology
1-5 September 2009, Cambridge UK

Exciting research happens when people and technology come together. New digital technologies are at the centre of social change, design and entrepreneurship. The BCS conferences on Human Computer Interaction have celebrated international excellence in these fields for over 20 years.

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BIGDOG
> INTERACTIVE

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www.bigdoginteractive.com, info@bigdoginteractive.com

Time	Liverpool Suite	Shanghai Suite	New York Suite
8.30	Registration		
9:15	Opening Ceremony, VC Liverpool John Moores University, Liverpool Suite		
9.30	KEYNOTE: Yvonne Rogers, Liverpool Suite		
10:30	Refreshments, Conference Centre Foyer: Posters, Demonstrations, Exhibition		
	Sense Making I: Oscar de Bruijn (Chair)	Input/Output: Beryl Plimmer (Chair)	Reactor3: Jennifer G. Sheridan (Chair)
11:00	Chris Baber, James Cross, Tariq Khaleel & Russell Beale: Location-based Photography as Sense-making	Victoria Land, Mary Lumkin & David Frohlich: Conveying Availability and Capability to Communicate in Naturalistic Interaction Joanna Lumsden & Patrick Drost: A Comparison of the Impact of Avoidance Cues in Hazard Avoidance During Evaluation of Text Entry	Tom Lloyd: Opening Remarks Martyn Ware Illustrious Company
11:30	Hanna Stelmaszewska, Bob Fields & Ann Blandford : The Roles of Time, Place, Value and Relationships in Collocated Photo Sharing with Camera Phones	Oussama Metafla, Nick Bryan-Kinns & Tony Stockman: Comparing Interaction Strategies for Constructing Diagrams in an Audio-only Interface	
11:45		Lasse Schwarten, Benjamin Walther-Franks, Christoph Grimmer & Sebastian Feige: A Comparison of Motion and Keypad Interaction for Fine Manipulation on Mobile Devices	Di Mainstone/ Stock Stock and Simon de Bakker: Sharewear
12:00	Sylvie Noël & Russell Beale : Sharing Vocabularies: Tag Usage in CiteULike	Jonathan Frye & Björn Franke: PDP – Pen Driven Programming	Ernest Edmonds and Shigeki Amitani: Shaping Forms on the Web
12:15	Lalatendu Satpathy, Saara Kamppari, Bridget Lewis, Ajay Prasad, Yong Woo Rhee, Benjamin Elgart & Steven Drucke: Pixaura: Supporting Tentative Decision Making when Selecting and Sharing Digital Photos	David Beymer, Daniel Russell & Peter Orton: An Eye Tracking Study of How Font Size and Type Influence Online Reading.	Joe Marshall: I seek the nerves under your skin: a movement poem
12:30	Lunch, Conference Centre Foyer: Posters, Demonstrations, Exhibition		
	Visual Experience: William Wong (Chair)	Panel 1: Ann Light (Chair)	Interaction and Liveness: Nick Bryan-Kinns (Chair)
14:00	Louise Yeung, Beryl Plimmer, Brenda Lobb & Douglas Elliffe: Effect of Fidelity in Diagram Presentation	Ann Light, Pam Briggs & Karen Martin: Seeding Without Leading: Making Space for Participant Contribution in Design Elicitation Techniques	Robin Fencott: Interactive Music using Multi-Touch Cellular Automata
14:30	Koen Hendrix, Guo Yang, Dirk van de Mortel, Tim Tijs & Panos Markopoulos: Designing a Head-Up Game for Children		Gaynor Evelyn Sweeney: Darwinian Donations (DIY)
14:45			Tom Flint and Chris Cousin: Sound of the Crowd
15:00	May-li Seah & Paul Cairns: From Immersion to Addiction in Videogames		Lodewijk Loos, Taco van Dijk & Tom Demeyer: LooseControl.tv: Live interactive webcasting in a collaborative way
15:15			Celine Latulipe and Annabel Manning: Interactive Surveillance
15.30	Refreshment, Conference Centre Foyer: Posters, Demonstrations, Exhibition		
	Sense Making II: Tom McEwan (Chair)	Methods 1: Paul Cairns (Chair)	Open, Accessible, Easy?: Tom Lloyd (Chair)
16:00	Vaiva Kalnikaitė & Steve Whittaker: Cueing Digital Memory: How and Why do Digital Notes Help Us Remember?	Emanuela Mazzone, Janet Read & Russell Beale: Understanding Children's Contributions during Informant Design Janet C. Read: What You See is What You Worry About: Errors – Real and Imagined	Ilias Bergstrom and Beau Lotto: Mother: Making the Performance of Real-Time Computer Graphics Accessible to Non-programmers
16:30	Gerard Oleksik & Lorna M. Brown: Sonic Gems: Exploring the Potential of Audio Recording as a Form of Sentimental Memory Capture	Irene Anggreeni & Mascha van der Voort: Supporting Scenario Building in Product Design	Joy Goodman-Deane, Sam Waller, P John Clarkson: Simulating Impairment
16:45		Daniel Brynolf, Vanessa Carpenter, Mads Hoby & Henrik Svarrer Larsen: Bodily Awareness: An Exploration in Critical Design	Letizia Jaccheri, Anna Trifonova and Gunnar Tuftte / Espen Gangvik: The Open Wall
17:00	Neesha Kodagoda & B. L. William Wong: Effects of Low & High Literacy on User Performance in Information Search and Retrieval (FP)	Jaeseung Chang & Marie-Luce Bourguet: Usability Framework for the Design and Evaluation of Multimodal Interaction	Thomas Tichai: A Manifesto of Digital Folk Music
17:15			Reactor3: Closing Remarks Jennifer G. Sheridan
17.30	Award for Interactional Excellence	Nubia Gil, Nicolas Hine, John Arnott, Julienne Hanson, Richard Curry: Data Visualisation and Data Mining Technology for Supporting Care for Older People,	
19:00	(re)Actor3: This is LIVErpool		

THURSDAY

	Liverpool Suite	Shanghai Suite	New York Suite
8.30	Registration		
9:30	KEYNOTE: Andrew Kirby, Liverpool Suite		
10:30	Refreshment, Conference Centre Foyer: Posters and Exhibition		
11:00	Assistive Technology: Pam Briggs (Chair)	HCI Practice: Tom Stewart (Chair)	Social and Mobile I: Alan Blackwell (Chair)
	Sebastian Adam, Kizito Ssamula Mukasa, Kai Breiner & Marcus Trapp: An Apartment-based Metaphor for Intuitive Interaction with Ambient Assisted Living Applications	Caroline Jarrett: Label Placement in Forms – What's Best? Youngho Rhee, Banghun Chun & Eun Jung Lee: Mobile LifeDiaryTM: True Life Management Service	EZ Phone: Persuading Mobile Users to Conserve Energy (SP) Abdullah Al Mahmud, Suleman Shahid, James F. Juola & Boris de Ruyter
11:15			Eunomia, Toward a Framework for Multi-touch Information Displays in Public Spaces (SP) Tom Cuyppers, Jan Schneider, Johannes Taelman, Kris Luyten & Philippe Bekaert
11:30		Muhammad Tahir, Gilles Bailly & Eric Lecolinet: Exploring the Impulsion and Vibration Effects of Tactile Patterns	Ubiquitous Healthcare: Do we want it? (SP) Linda Little & Pam Briggs
11:45	Siân E. Lindley, Richard Harper & Abigail Sellen: Designing for Elders: Exploring the Complexity of Relationships in Later Life	Lu Wang, Pedro Fonseca & Bas Zoetekouw: User Test of Soccer Highlights Application	Office Activity Recognition using Hand Posture Cues Brandon Paulson & Tracy Hammond
12:00	Abdullah Al Mahmud, Dzmitry Aliakseyeu & Jean-Bernard Martens: Enabling Storytelling by Aphasics in an Augmented Home Environment		Dance.Draw: Exquisite Interaction (SP) Celine Latulipe & Sybil Huskey
12:15	Omar Mubin, Suleman Shahid & Abdullah Al Mahmud: Walk 2 Win: Towards Designing a Mobile Game for Elderly's Social Engagement		Struggling with Gift-Giving Obligations: When Mobile Messages are too Laborious to Reciprocate (SP) Antti Salovaara
12.30	Lunch, Conference Centre Foyer: Posters, Exhibition		
	Culture: Alan Dix (Chair)	Panel 2 Tom Stewart (Chair)	Education: Linda Little (Chair)
14:00	Inseong Lee, Gi Woong Choi, Jinwoo Kim, Solyung Kim, Kiho Lee, Daniel Kim, Myunghee Han, Seung Yong Park & Yongil An: Cultural Dimensions for User Experience: Cross-Country and Cross-Product Analysis of Users' Cultural Characteristics	HCI: Whose Job is it Anyway? Panel Members: Jarnail Chudge, UX Architect, Microsoft, Stephen Corbett, Head of UI Design, NHS Connecting for Health, Peter Dixon, Senior User Experience Manager, Telefonica O2 UK Ltd, Guy Faithful, Acting Head of Human Factors Group, BT Design	SMART: a System of Augmented Reality for Teaching 2nd Grade Students Rubina Freitas & Pedro Campos
14.15			Efficiency of Multimodal Metaphors in the Presentation of Learning Information Marwan Alseid & Dimitris Rigas
14.30	Matthias Rehm, Nikolaus Bee & Elisabeth André: Wave Like an Egyptian — Accelerometer Based Gesture Recognition for Culture Specific Interactions		News Not Noise: Socially Aware Information Filtering (SP) Jonathan Melhuish & Russell Beale
14.45			In Search of Tangible Magic (SP) Diana Xu, Janef C. Read & Robert Sheehan.
15:00	Willemijn Heeren & Franciska de Jong: Disclosing Spoken Culture: User Interfaces for Access to Spoken Word Archives		
15.30	Refreshments, Conference Centre Foyer: Posters, Exhibition		
16:00	:HCI Methods II: Leslie Fountain (Chair)	Privacy and Medicine Harold Thimbleby (Chair)	BOF Sessions
	Heterogeneity in the Usability Evaluation Process (FP) Martin Schmettow	Strategies and Struggles with Privacy in an Online Social Networking Community (FP) Katherine Strater & Heather Richter Lipford	
16:30	An Investigation into the use of Field Methods in the Design and Evaluation of Interactive Systems (FP) Kelly Monahan, Mia Lahteenmaki, Sharon McDonald & Gilbert Cockton	Influencing Users Towards Better Passwords: Persuasive CuedClick-Points (FP) Sonia Chiasson, Alain Forget, Robert Biddle & P. C. van Oorschot	
17:00	The SenseCam as a Tool for Task Observation (SP) Darah Byrne, Aiden R. Doherty, Gareth J. F. Jones, Alan F. Smeaton, Sanna Kumpulainen & Kalervo Järvelin	Distributed Cognition and Mobile Healthcare Work (SP) Joseph McKnight & Gavin Doherty	
17:15	Understanding Behaviors and Needs for Home Videos (SP) Marco Campanella & Jettie Hoonhout	Future Mobile Health Systems: Designing Personal Mobile Applications to Assist Self Diagnosis (SP) Dina Ahmad, Andreas Komninos & Lynne Baillie	
17:30	Award for International Excellence	Nicholas Adams, Mark Witkowski and Robert Spence: The Inspection of Very Large Images by Eye-gaze Control	
18:00	Interactions Group AGM, New York Suite		
19.00	Tour and Conference Dinner, Maritime Museum, Albert Dock		

FRIDAY

	Liverpool Suite	Shanghai Suite	
9.30	Demanding Tasks: Ernest Edmonds (Chair)	Social and Mobile II: Sylvie Noel (Chair)	
10:15	Ju-Hwan Lee & Charles Spence: Assessing the Benefits of Multimodal Feedback on Dual-Task Performance under Demanding Conditions	Philip Fei Wu, Yan Qu & Jennifer J. Preece: Why an Emergency Alert System isn't Adopted: The Impact of Socio-Technical Context	
10.00		Nicholas Hill & Parisa Eslambolchilar: Seam Carving for Enhancing Image Usability on Mobiles	
10.15	Kenneth M. Bach, Mads G. Jæger, Mikael B. Skov & Nils G. Thomassen: Evaluation Driver Attention and Driving Behaviour: Comparing Controlled Driving and Simulated Driving	Nadia Pantidi, Hugh Robinson & Yvonne Rogers: Can Technology-rich Spaces Support Multiple Uses?	
10:30		Michael Voong & Russell Beale: Representing Location in Location-based Social Awareness Systems	
10:30	Award for international Excellence	Steve Hodges, Shahram Izadi, Alex Butler, Alban Rustemi, Bill Buxton: ThinSight: Versatile Multi-touch Sensing for Thin Form-factor Displays.	
11:00	Refreshments, Conference Centre Foyer: Exhibition		
11.30	KEYNOTE: Paul Dourish, Liverpool Suite		
12.30	Closing Address & handover to HCI 2009, Liverpool Suite		

DELEGATE INFORMATION

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We make every effort to ensure that the information contained in this document is accurate and complete at the time of going to press. However, some information may change for which we cannot be held responsible. Conference Reception will always be happy to confirm, or check, any information for you.

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Please observe the advertised check in and check out times for your hotel. Overstaying may result in an extra payment being charged to you. You may leave your bags at the conference on the morning you have checked out.

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No university parking is available due to building work. Please use public transport if at all possible (see next page). Limited and more expensive parking may be available at your hotel or in City car parks but please check in advance.

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Wireless Internet access will be available at Liverpool John Moores University on Monday and Tuesday, and the Holiday Inn Wednesday to Friday. The Hotel wireless will also be used by speakers giving demonstrations so you are asked not to make heavy downloads during paper sessions.

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Within Liverpool John Moores University call 2222 and Security will ensure the emergency services are directed to your location. Within your hotel, please read and follow the emergency instructions given in your room. In public areas call 999.

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For Greenland St: Take the 82 bus from Lime Street to the Junction of Great George St and Parliament St

For the Albert Dock take the S1 from Stand 9, Queen Square Bus Station to the Albert Dock

The 500 bus leaves from Liverpool John Lennon Airport for the city centre every 20 minutes. The journey takes 30 minutes approximately. The bus stops at Queen Square (for the Holiday Inn and Travelodge) and Dale Street (for the Premier Inn, Vernon St).

Queen Square (near Lime St) and Paradise St (near the Albert Dock) are the main bus stations for local buses. Long distance buses start from Norton St (5 minutes walk from Lime St).

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Liverpool City Map – See handout

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Liverpool History

From www.visitingliverpool.com: In 2007 it was Liverpool's 800th birthday, marking 800 years since King John signed the city's charter in August 1207. Liverpool has come a long way since then, evolving from a tiny fishing port - the Dee was the predominant river of the time - to second city of the Empire.

King John's interest in Liverpool was as a departure point for Ireland. He built Liverpool Castle - on what is now Castle Street - although it wasn't completed until 1237, twenty-one years after his death. Overlooking the Mersey, the castle stood for more than 400 years; it was partly destroyed in the Civil War, before the area was levelled and St George's Church built and re-built on the site. The Victoria Monument was erected there in 1902, and the area sustained blanket bombing during the Blitz in 1941. Somehow, the Victoria Monument survived, albeit surrounded by rubble - today the area is Derby Square, home to Liverpool's Queen Elizabeth Law Courts. The European Capital of Culture is an EU project designed to highlight the culture of the continent - selecting a city that illustrates and deserves the title of 'Capital of Culture'. Competition is always fierce, as every city bids to showcase its contribution to the world's cultural landscape. As of 2000, the award has often gone to two or more cities, and in 2008, Liverpool shares the title with Stavanger in Norway. You can find out about events in Liverpool by visiting www.liverpool08.com.

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