

Wednesday 26th November: Tutorials, Workshops, Doctoral Colloquium

University of Queensland, Ipswich Campus (Transport leaves St Lucia at 8.10am.)

09:00-17:00: Tutorial 1: Cognitive factors in design: Basic phenomena in human memory problem solving, Thomas T. Hewett, Drexel University
09:00-17:00: Tutorial 2: Designing for international audiences: challenges for user-centred design professional, Patrick Larvie, Yahoo! Inc. & Jared Braiterman, JaredRESEARCH, USA
09:00-12:30: Tutorial 3:

09:00-17:00: Doctoral Colloquium:

18:00-20:00: Welcome Reception:

[\(see workshops and tutorials page for more details\)](#)

Thursday 27th November: Conference Day 1

University of Queensland, St Lucia Campus

09:00-10:30: Opening Plenary
Conference Welcome
Keynote Speaker: Prof. Alan Dix, Lancaster University, UK

10:30-11:00: Morning Tea

11:00-12:30: Full Papers Session A:
Designing with Care: Adapting Cultural Probes to Inform Design in Sensitive Settings
*Andy Crabtree**, *Terry Hemmings**, *Tom Rodden** *Keith Cheverst^*, *Karen Clarke^*, *Guy Dewsbury^*, *John Hughes^* & *Mark Rouncefield^*
^Lancaster University UK, *University of Nottingham UK

Springboards into Design: Exploring Multiple Representations of Interaction in a Dental Surgery
Brett Campbell, *Tim Cederman-Haysom*, *Jared Donovan* & *Margot Brereton*
University of Queensland

Walking Through Use: Novel Heuristics and their Applications
Frank Vetere, *Steve Howard*, *Sonja Pedell*, *Sandrine Balbo*
University of Melbourne

11:00-12:30: Full Papers Session B:
GroupBar: The TaskBar Evolved
Greg Smith, *Patrick Baudisch*, *George Robertson*, *Mary Czerwinski*, *Brian Meyers*, *Daniel Robbins*, & *Donna Andrews*
Microsoft Research, USA

Towards a Supportive Technological Environment for Digital Art
Greg Turner & *Ernest Edmonds*
UTS

Interacting with Home and Home Appliances in a Hand-held Terminal
Antti Aaltonen, *Mika Roykkee*
Nokia Research Center

12:30-14:00: Lunch
(13:15-13:45: UQL Tour)

Apple Talk: 13:00-13:20

**14:00-15:30: Full Papers Session C:
Context-Studio - Tool for Personalizing Context-Aware Applications in
Mobile Terminals**

Jani Mäntyjärvi[^], Urpo Tuomela[°], Ilkka Känslä[°] & Jonna Häkkinen[°]
[^]VTT Electronics, Finland, [°]Nokia Mobile Phones, Finland

**'Out To Lunch': Exploring the Sharing of Personal Context through Office
Door Displays**

Keith Cheverst, Alan Dix, Dan Fitton & Mark Rouncefield
Lancaster University, UK

Interaction in Location-Aware Messaging in a City Environment

Jonna Häkkinen & Rene Hexel
Griffith University

14:00-15:30: Panel:

Future directions for HCI professionals in industry
Organiser: Patrick Larvie, Yahoo! Inc., USA

15:30-16:00: Afternoon Tea

16:00-17:30: Full Papers Session D:

Mobile Evaluation: What the Data and the Metadata Told Us

Sonja Pedell^{}, Connor Graham^{*}, Jesper Kjeldskov[^], Jessica Davies (nee Smith)^{*}*
^{*}University of Melbourne, [^]Aalborg University

**Experimental Evaluation of Techniques for Usability Testing of Mobile
Systems in a Laboratory Setting**

Elena T. Beck^{}, Morten K. Christiansen[^], Jesper Kjeldskov^{*},
Nikolaj Kolbe[°] & Jan Stage[`]*
^{*}Aalborg University, Denmark, [^]Lyngsoe Systems A/S, Denmark, [°]ETI A/S,
Denmark, [`]University of Auckland

Evaluating and Evolving Digital Mobile Maps

Connor Graham ^{*}, Karen Urquhart[^], Jessica Davies (nee Smith)^{*} & Frank
Vetere^{*}
^{*}University of Melbourne, [^]RMIT University.

16:00-17:30: Short Papers Session A:

Hybrid Stroke/Vowel Input System for Mobile Devices

Loke Kar Seng
Monash University, Malaysia

**Saving Space by Perspective Distortion when Browsing Images on a Small
Screen**

Juha Lehtikainen & Antti Aaltonen
Nokia Research Center

**The Swarm: Facilitating Fluidity and Control in Young People's Use of
Mobile Phones**

Christine Satchell
RMIT, SIT CRC

Affordances, Attention, and Mobile Phone Use During Driving

Paul Treffner, Andrew Petersen & Rod Barrett
Griffith University

An Exploratory Study of Mobile Computing Use by Knowledge Workers

Paul Prekop
DSTO

AR phone: Accessible Augmented Reality in the Intelligent Environment

Dan Cutting, Mark Assad, David J. Carmichael & Adam Hudson
University of Sydney

17:45-19:15: CHISIG AGM

19:30--23:00: Conference Dinner

Friday 28th November: Conference Day 2

University of Queensland, St Lucia Campus

09:00-10:30: Full Papers Session E:
Operating Theatre Patient Monitoring: The Effects of Self Paced Distracter Tasks and Experimental Control on Sonification Evaluations
Marcus Watson, Penelope Sanderson, John Woodall & John Russell
University of Queensland

Task-Driven Information Presentation
Nathalie Colineau & Cecile Paris
CSIRO

Design and Usability Evaluation of a GAAP Flight Progress Monitoring System in a Simulated Air Traffic Environment
Caspar Ryan, Ron van Schyndel & Geoff Kitchin
RMIT University

09:00-10:30: Panel:
What do we mean by Design?
Organiser: Margot Brereton, University of Queensland

10:30-11:00: Morning Tea

11:00-12:30: Full Papers Session F:
An Empathic-tutoring System Based on Spoken Language Analysis
Tong Zhang, Weiyu Zhu, Mark Hasegawa-Johnson, Stephen E. Levinson
University of Illinois at Urbana-Champaign, USA

Face Re-Orientation in Video Conference Using Ellipsoid Model
Ben Yip and Jesse S. Jin
The University of Sydney

Affect: Physiological Responses During Computer Use
Todd Bentley, Lorraine Johnston & Karola von Baggo
Swinburne University

11:00-12:45: Short Papers Session B:
Computer Supported Cooperative Play, "Third Places" and Online Videogames
Greg Wadley, Martin Gibbs, Kevin Hew & Connor Graham
University of Melbourne
Using Tangible Interfaces to Support Collaborative Multi Modal Interactions
Hannah Slay, Rudi Vernik^ & Bruce Thomas*** *University of South Australia, ^ DSTO
Groovy Tubes: an interface for designing sound effects in space and time
Gaurav Sood & Stephen Barrass^*
*ANU, ^CSIRO
Supporting Interaction in Mobile Co-operative Contexts using Agent Technology
Steve Goschnick & Connor Graham
University of Melbourne
Rotational movements in real and virtual environments
Michael Tlauka
Flinders University
Understanding and Designing Information Spaces Using Social Worlds
Jeni Paay & Connor Graham
University of Melbourne

12:30-14:00: Lunch
(13:15-13:45: UQL Tour)

Apple Talk: 13:00-13:20

**14:00-15:30: Full Papers Session G:
Effects of Visual Separation and Physical Discontinuities when Distributing
Information across Multiple Displays**

Desney S Tan & Mary Czerwinski
Microsoft Research, USA

The Usefulness of Constraints for Diagram Editing

*Michael Wybrow**, *Kim Marriott**, *Linda McIver** & *Peter J. Stuckey^*
*Monash University, ^University of Melbourne

**Side-By-Side Display and Control of Multiple Scenarios: Subjunctive
Interfaces for Exploring Multi-Attribute Data**

Aran Lunzer & Kasper Hornbæk
University of Copenhagen, Denmark

14:00-15:30: Demonstrations/Exhibitions:

CoWord: a Collaborative Word Processor

Qian Xia, David Sun, Haifeng Shen, David Chen & Chengzheng Sun, Griffith
University

Visualisation to support navigation and exploration of glossary structures

Andrew Lum & Judy Kay, University of Sydney

The Nexus: A Games Engine Adapted for Collaboration

Matthew Simpson & Keiran Bartlett,
University of Queensland

A Demonstration of Mobile Augmented Reality

Mark Assad, David J. Carmichael, Dan Cutting & Adam Hudson, University of
Sydney

Active Visualisation of Complex Systems (Video)

Paul Treffner, Griffith University

15:30-16:00: Afternoon Tea

16:00-17:30: Closing Plenary:

Professor Jeff Jones, Interim CEO, Australasian CRC for Interaction Design
Conference Close

18:00- 19:30: Farewell Drinks