

September 05, 2016

12:00 [Workshop: The Role of Cognitive Ergonomics in Interaction Design, Addressing Advances in HCI](#)

Room A16, Psychology Building, University Park, Nottingham

The Role of Cognitive Ergonomics in Interaction Design: Addressing Advances in HCI.
Geert de Haan and Anke Dittmar

Designing More Robust Ubiquitous Systems. Marie-Luce Bourguet

A Web-based Human Computer Interaction Audit Tool To Encourage Collaborative Cognitive Ergonomics Within Interaction Design. Megan Patterson, Raymond Bond, Maurice Mulvenna, Carol Reid, Fiona McMahan, Pauric McGowan, Kevin Cowan and Hugh Cormican

Two Step User Interface Design. Eliezer Kantorowitz

A methodological approach to the conceptualisation of a socio-technical system: a smart and collaborative neighbourhood. Chloé Le Bail, Françoise Detienne and Michael Baker

13:00 [Doctoral Consortium](#)

Room A09, ESLC, Faculty of Engineering, University Park, Nottingham

How to Design Internet of Things to Encourage Office Workers to Take More Regular Micro-Breaks. Yitong Huang.

The aid of colour on spatial navigation: A study in a virtual hospital environment.
Özge Kumoğlu

Evaluation of distributed Situation Awareness. Stella Parisi

User-requirements of missing person search. Kyle Harrington

September 06, 2016

08:30 – 09:15 **Registration**

08:30 – 09:15 **Arrival coffee**

09:15 – 09:30 **Opening remarks**

09:30 – 10:30 [Keynote speaker: Ann Mills, RSSB](#)

10:30 – 11:00 **Tea/coffee break**

11:00 – 12:30 **Session: Cognitive ergonomics in teaching & learning**

A Hands-on Approach to Making in the Internet of Things and Creative Technology. Geert de Haan

Lecturers' Hand Gestures as Clues to Detect Pedagogical Significance in Video Lectures. Yi Tian and Marie-Luce Bourguet

Prototyping systems interactions: a field study on practices and challenges in a design course. Andrea Alessandrini

Personality Traits as Design Input for Learning Support. Christian Stary and Dominik Wachholder

12:30 – 13:40 **Lunch**

13:40 – 15:00 **Session: Engagement and user experience**

The Complex Relationship between Empathy, Engagement and Boredom. Harry Witchel, Carlos Santos, James K. Ackah, Nachiappan Chockalingam and Carina Westling

Experience design: video without faces increases engagement but not empathy. Carina Westling, James K. Ackah, Carlos Santos, Nachiappan Chockalingam and Harry Witchel

Qualities of Service Experience in Long-Term Customer-Supplier Relationships. Marja Liinasuo, Anke Dittmar and Eija Kaasinen

Towards Understanding Information Needs and User Acceptance of Mobile Technologies to Improve Passenger Experience in Airports. Tianlun Fei, Neil de Joux, Genovefa Kefalidou, Mirabelle D'Cruz and Sarah Sharples

15:00 – 15:30 **Tea/coffee break**

15:30 – 17:00 **Session: Expertise**

The Validity of Field-Independence/Field-Dependence in the Acquisition of Process Control Skills. Walifa Rasheed-Karim

User Expertise in Multimodal HCI. Nikola Bubalo, Felix Schüssel, Frank Honold, Michael Weber and Anke Huckauf

An exploratory study of higher order driving skills and difficult situations experienced by novice drivers during their first months of driving to develop simulation-based training. Valentin Corneloup and Jean-Marie Burkhardt

17:00 – 17:30 **2-minute pitches: Poster, demo and DC presenters**

Driver Choices of Time-to-Collision Thresholds for a Collision Warning System. Assaf Botzer and Oren Musicant

Adapting a pedestrian navigation simulator to the elderly. Angélique Montuwy, Stéphanie Coeugnet and Aurélie Dommès

Analyzing eco-feedback appropriation in a Smart-Home context . Anthony Plancoulaine, Béatrice Cahour, Myriam Frejus and Christian Licoppe

Assessing resilience and agile capability in socio-technical systems. Björn Johansson

Using Web Applications for Data Visualisation. Tony Glover

DC: Evaluation of Distributed Situation Awareness. Stella Parisi

DC: User-Requirements of Missing Person Search. Kyle Harrington

DC: The aid of colour on spatial navigation: A study in a virtual hospital environment. Özge Kumoğlu

DC: How to Design Internet of Things to Encourage Office Workers to Take More Regular Micro-Breaks. Yitong Huang

17:30 – 18:30 **Poster and demo session; EACE board meeting**

19:00 **BBQ social event (included in registration fee)**

September 07, 2016

08:30 – 09:00 **Registration**

08:30 – 09:00 **Arrival coffee**

09:00 – 10:30 **Session: Structuring information**

Supporting Information Search by Older Adults. Herre van Oostendorp and Saraschandra Karanam

The Phenomenology of Remembered Experience: A Repertoire for Design. Doménique van Gennip, Elise van den Hoven and Panos Markopoulos

Storytelling with Objects to Explore Digital Archives. David Blezinger and Elise van den Hoven

10:30 – 11:00 **Tea/coffee break**

11:00 – 12:40 **Session: Virtual and augmented environments**

Multimodal “sensory illusions” for improving spatial awareness in virtual environments. Glyn Lawson, Tessa Roper and Zul Che Abdullah

The influence of incentives and instructions on behaviour in driving studies. Catherine Harvey and Gary Burnett

Virtual Head-up Displays for Augmented Reality in Cars: A User Study to validate the Congruence. Sabine Langlois, Thomas Nguyen That and Pierre Mermillod

The relationship between presence and trust in Virtual Reality. Davide Salanitri, Glyn Lawson, Brian Waterfield and Sarah Sharples

12:40 – 13:40 **Lunch**

13:40 – 14:00 **Poster and demo session**

14:00 – 15:00 [Panel: Multiple representations in design: fostering creativity and collaboration](#)

15:00 – 15:30 **Tea/coffee break**

15:30 – 17:00 **Panel continued**

17:00 – 18:00 **EACE AGM**

19:00 **Conference dinner (included in registration fee)**

September 08, 2016

08:30 – 09:00 **Registration**

08:30 – 09:00 **Arrival coffee**

09:00 – 10:20 **Session: Computer-supported work**

Design requirements for effective hybrid decision making with Evolvable Assembly Systems. David Golightly

A consideration of design approaches based on cognitive work analysis: system design and integrated system design. Neelam Naikar and Ben Elix

Improving proactive decision making with object trend displays. Alex Eftychiou and John Dowell

10:20 – 10:40 **Tea/coffee break**

10:40 – 11:40 **Session: Safety and risk**

Behavioral Inhibition and Activation Personality Traits Moderate Safety Culture and Risk Behavior. Kari Kallinen

Confidence Ratings in Nuclear Process Control: A Pilot Study with a Simplified Task. Alexandra Fernandes, Maren Eitrheim and Håkan Svengren

Understanding how team leaders elaborate situation awareness through verbal statements in a risky environment: An exploratory study in nuclear submarines. Vincent Tardan, Léonore Bourgeon and Françoise Darses

11:40 – 13:00 **Session: Medical and clinical applications**

Optical Head-Mounted Displays for Medical Professionals: Cognition-supporting Human-Computer Interaction Design. Tilo Mentler, Henrik Berndt and Michael Herczeg

Training resilient medical teams. Peter Berggren, Björn J E Johansson, Olof Allard and Emma Torensjö

The Design Of A Computer Simulator to Emulate Pathology Laboratory Workflows. Megan Patterson, Raymond Bond, Kevin Cowan, Maurice Mulvenna, Carol Reid, Fiona McMahon, Pauric McGowan and Hugh Cormican

13:00 – 14:00 **Lunch**

14:00 – 14:30 **Closing address and ECCE announcements**

14:30 – 15:00 **Tea/coffee**

15:00 – 16:00 **Poster and demo session**