

# 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

**13:00 – Doctoral Consortium**

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

# September 06 - September 08, 2016

**Conference venue:** National College for Teaching and Leadership (NCTL), Triumph Road, Nottingham NG8 1DH

	06 Tuesday	07 Wednesday	08 Thursday
08:00			
08:30	08:00 - Registration	08:00 - Registration	08:00 - Registration
09:00	08:30 - Arrival coffee	08:30 - Arrival coffee	08:30 - Arrival coffee
09:30	09:15 - Opening remarks	09:00 - Session: <a href="#">Structuring information</a>	09:00 - Session: <a href="#">Computer-supported work</a>
10:00	09:30 - <a href="#">Keynote speaker: Ann Mills, RSSB</a>		
10:30	10:30 - Tea/Coffee break	10:30 - Tea/Coffee break	10:20 - Tea/Coffee break
11:00	11:00 - Session: <a href="#">Cognitive ergonomics in teaching &amp; learning</a>	11:00 - Session: <a href="#">Virtual and Augmented Environments</a>	10:40 - Session: <a href="#">Safety and risk</a>
11:30			11:40 - Session: <a href="#">Medical &amp; clinical applications</a>
12:00	12:30 - Lunch	12:40 - Lunch	
12:30			

13:00			13:00 - Lunch
13:30			
14:00	13:40 - Session: <a href="#">Engagement &amp; user experience</a>	13:40 - Poster and demo session	14:00 - Closing address and announcements
14:30		14:00 - Panel: <a href="#">Multiple representations in design: fostering creativity and collaboration</a>	14:30 - Tea/Coffee break
15:00	15:00 - Tea/Coffee break	15:00 - Tea/Coffee break	15:00 - TBC - social event
15:30	15:30 - Session: <a href="#">Expertise</a>	15:30 - Panel (continued): Multiple representations in design: fostering creativity and collaboration	
16:00			
16:30			
17:00	17:00 - 2-minute pitches: DC, poster and demo presenters	17:00 - Poster and demo session	
17:30	17:30 - Poster and demo session; EACE board meeting		
18:00			
18:30			
19:00	19:00 - BBQ	19:00 - Conference Dinner	
19:30			
20:00			
20:30			
21:00			

# Session details

## Poster and demo

Authors	Title
Assaf Botzer and Oren Musicant	Driver Choices of Time-to-Collision Thresholds for a Collision Warning System
Angélique Montuwy, Stéphanie Coeugnet and Aurélie Dommes	Adapting a pedestrian navigation simulator to the elderly
Anthony Plancoulaïne, Béatrice Cahour, Myriam Frejus and Christian Licoppe	Analyzing eco-feedback appropriation in a Smart-Home context
Björn Johansson	Assessing resilience and agile capability in socio-technical systems
Tony Glover	Using Web Applications for Data Visualisation

## Session: Cognitive ergonomics in teaching & learning

Authors	Title
Geert de Haan	A Hands-on Approach to Making in the Internet of Things and Creative Technology
Yi Tian and Marie-Luce Bourguet	Lecturers' Hand Gestures as Clues to Detect Pedagogical Significance in Video Lectures
Andrea Alessandrini	Prototyping systems interactions: a field study on practices and challenges in a design course
Christian Stary and Dominik Wachholder	Personality Traits as Design Input for Learning Support

## Session: Engagement and user experience

Authors	Title
Harry Witchel, Carlos Santos, James K. Ackah, Nachiappan Chockalingam and Carina Westling	The Complex Relationship between Empathy, Engagement and Boredom
Carina Westling, James K. Ackah, Carlos Santos, Nachiappan Chockalingam and Harry Witchel	Experience design: video without faces increases engagement but not empathy
Marja Liinasuo, Anke Dittmar and Eija Kaasinen	Qualities of Service Experience in Long-Term Customer-Supplier Relationships
Tianlun Fei, Neil de Joux, Genovefa Kefalidou, Mirabelle D'Cruz and Sarah Sharples	Towards Understanding Information Needs and User Acceptance of Mobile Technologies to Improve Passenger Experience in Airports

## Session: Expertise

Authors	Title
Walifa Rasheed-Karim	The Validity of Field-Independence/Field-Dependence in the Acquisition of Process Control Skills
Nikola Bubalo, Felix Schüssel, Frank Honold, Michael Weber and Anke Huckauf	User Expertise in Multimodal HCI

Valentin Corneloup and Jean-Marie Burkhardt	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
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### Session: Structuring information

Authors	Title
Herre van Oostendorp and Saraschandra Karanam	Supporting Information Search by Older Adults
Doménique van Gennip, Elise van den Hoven and Panos Markopoulos	The Phenomenology of Remembered Experience: A Repertoire for Design
David Blezinger and Elise van den Hoven	Storytelling with Objects to Explore Digital Archives

### Session: Virtual and Augmented Environments

Authors	Title
Catherine Harvey and Gary Burnett	The influence of incentives and instructions on behaviour in driving studies
Glyn Lawson, Tessa Roper and Zul Che Abdullah	Multimodal “sensory illusions” for improving spatial awareness in virtual environments
Sabine Langlois, Thomas Nguyen That and Pierre Mermillod	Virtual Head-up Displays for Augmented Reality in Cars: A User Study to validate the Congruence
Davide Salanitri, Glyn Lawson, Brian Waterfield and Sarah Sharples	The relationship between presence and trust in Virtual Reality

### Session: Computer-supported work

Authors	Title
David Golightly	Design requirements for effective hybrid decision making with Evolvable Assembly Systems
Neelam Naikar and Ben Elix	A consideration of design approaches based on cognitive work analysis: system design and integrated system design
Alex Eftychiou and John Dowell	Improving proactive decision making with object trend displays.

### Session: Safety and risk

Authors	Title
Kari Kallinen	Behavioral Inhibition and Activation Personality Traits Moderate Safety Culture and Risk Behavior
Alexandra Fernandes, Maren Eitrheim and Håkan Svengren	Confidence Ratings in Nuclear Process Control: A Pilot Study with a Simplified Task
Vincent Tardan, Léonore Bourgeon and Françoise Darses	Understanding how team leaders elaborate situation awareness through verbal statements in a risky environment: An exploratory study in nuclear submarines

## Session: Medical and clinical applications

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<b>Authors</b>	<b>Title</b>
Tilo Mentler, Henrik Berndt and Michael Herczeg	Optical Head-Mounted Displays for Medical Professionals: Cognition-supporting Human-Computer Interaction Design
Peter Berggren, Björn J E Johansson, Olof Allard and Emma Torensjö	Training resilient medical teams
Megan Patterson, Raymond Bond, Kevin Cowan, Maurice Mulvenna, Carol Reid, Fiona McMahon, Pauric McGowan and Hugh Cormican	The Design Of A Computer Simulator to Emulate Pathology Laboratory Workflows

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