



## HCI International 2014

16<sup>th</sup> International Conference on  
Human-Computer Interaction

Call for Participation



22-27 June 2014, Heraklion, Crete, Greece  
Creta Maris Beach Resort

## EPCE 2014

### 11<sup>th</sup> International Conference on Engineering Psychology and Cognitive Ergonomics

Chair: **Don Harris**

*Coventry University, United Kingdom*

This affiliated conference to HCI International 2014 focuses on theoretical, methodological and empirical aspects of Engineering Psychology and Cognitive Psychology.

The information processing and reasoning abilities of human beings very often undergo significant stress when interacting with complex and information rich computational systems, putting at serious risk task performance. Good system design to promote appropriate responses in all situations, but especially in an emergency, is vital. It is critical that human interactions are designed in such a way as to maximally exploit human cognitive abilities in such contexts, while at the same time avoiding overload, stress and negative emotions.

This conference solicits papers both describing theoretical advances and reporting empirical results of studies, covering a broad range of research and development activities on a variety of related topics in this area.

**Areas of interest of the EPCE 2014 Conference include, but are not limited to those listed here**

- Applied cognitive psychology
- Automation and Autonomous Systems
- Cognitive task analysis
- Command and control
- Control design
- Decision making and decision support
- Designing for pleasure of use
- Display design
- Distributed cognition and distributed systems
- Formal error prediction techniques
- Human error
- Human Centered Design to reduce through life costs
- Human Factors certification and regulation
- Human Factors / System Integration
- Industrial ergonomics
- Job design
- Mental workload
- Participatory design
- Problem solving
- Product design
- Psychophysics for display design
- Requirements analysis
- Safety
- Simulation
- Situation awareness
- Socio-technical systems
- Systems of systems
- Training design and analysis