



HCI International 2013

15th International Conference
on Human-Computer Interaction
21-26 July 2013, Las Vegas, NV, USA
The Mirage Hotel
www.hcii2013.org

Call for Participation

for an affiliated conference
in the context of HCI International 2013

EPCE 2013

**Tenth International Conference on
Engineering Psychology and Cognitive
Ergonomics**

Chair: Don Harris, UK

This conference 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.

The HCII 2013 Conference Proceedings will be published by **Springer** in a multi-volume set. Papers will appear in volumes of the LNCS and LNAI series. Extended Poster abstracts will be published in the CCIS series. All volumes will be available on-line through the SpringerLink Digital Library, readily accessible by all subscribing libraries around the world, and will be indexed by a number of services including EI and ISI CPCI-S.

Areas of interest of the EPCE 2013 Conference include, but are not limited to those listed here:

- Applied cognitive psychology
- Automation
- 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