CALL FOR PAPERS

HSI 2014
7th International Conference on Human System Interaction

16-18 June, 2014 Hotel Costa da Caparica, Lisbon, Portugal
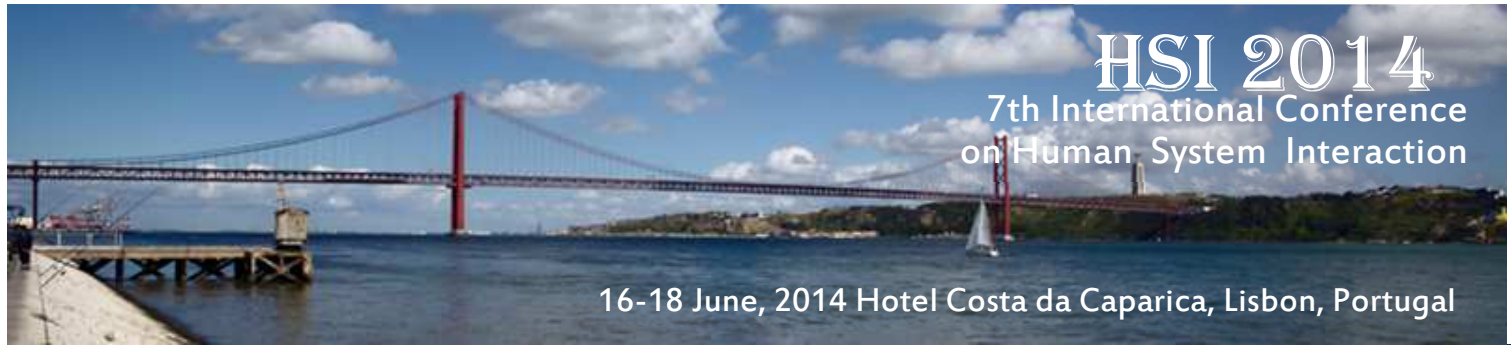
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Rapid changes of information technologies lead to boosting the strength and efficiency of human activity. These technologies have an influence on every particular area of human life, including education, science, business, leisure time, entertainment, state administration, health care. Human life is greatly dependent on these systems' efficiency and performance. HSI conference has been prepared as a platform for exchanging ideas, knowledge, skills and experiences in interactions between man and these systems. HSI conference series has become a major international conference in the field of Human System Interactions, human system science and engineering, human factors in large complex systems, human space computing and cyber-physical systems, human environment interactions, and social-technical systems.

This edition of the International Conference on Human System Interactions will be held in Hotel Costa da Caparica, from 16 to 18 June, 2014. The conference covers theory, design and application of human-system interactions in the areas of science, education, business, industry, services, humanity, environment, health, and government. Aside from the regular presentations, the conference will include keynote addresses with speakers from both industry and academia. Prospective authors are invited to submit papers in any of tracks/topics listed below:

1. **Artificial intelligence**
   Decision support systems, Computational intelligence, Soft computing, Evolutionary computations, Web intelligence and mobile agent, Decision making, Machine & robot learning, Merging of mind and machine, Robot intelligence, Intelligent control, Intelligent multimodal sensor systems and haptics of future, Autonomous and multi-agent systems, Imprecise, uncertain and incomplete data models and knowledge.

2. **Human Machine Interaction**
   Advanced computer graphics, Cognitive modelling, Digital human modelling, Multi-modal communication, Natural language interactions, Affective computing, Intelligent human-robot interaction, Advanced interfaces for mobile devices, Advanced home, Automation systems.

3. **Education and training**
   Data modelling and simulation for education and training, Multimodal communication, Natural language interactions, Virtual reality, Affective computing in education, Entertainment and gaming, Information and knowledge visualization.

4. **Telemedicine and e-health**
   Diagnostic systems for medicine, Wireless sensor networks for telemedicine and human tracking, Wearable assests for telemedicine, Disease management, Home telemetry and remote care, Rural health, Nursing home, Assisted living facilities.

5. **Cyber security in HSI**
   General security systems for disabled persons, Security standards, Attacks and threats, Application security, Human factors in cyber security.

6. **Human-centered Design**
   Context-aware computing, Advanced Interfaces for Mobile Devices, Vision-Based Human Machine Interaction, Wireless Sensor Networks for Human Tracking, Advanced Home Automation Systems

Special Sessions: Aside aforementioned topics, special sessions are also forecasted. We cordially invite to organize special sessions. Details can be found at conference website.

Tutorials: A Call for Tutorials proposals can be found at conference website.

Proceedings: All papers presented during the conference will be submitted to IEEE Xplore.

Important Dates for Paper Submissions:

Special session proposal deadline:	January 15, 2014
Full paper submission deadline:	February 25, March 15, 2014
Notification of acceptance :	March 28, April 15, 2014
Final paper submission:	April 30, 2014
Conference time:	June 16-18, 2014

Conference web page:　http://sites.uninova.pt/hsi2014