The 1st International Conference Interfaces and Human Computer Interaction (IHCI) 2007 was hosted in Lisbon, Portugal, 6-8 July, 2007. This conference was part of the Multi Conference on Computer Science and Information Systems 2007 (MCCSIS), 3 - 8 July 2007, which had a total of 1091 submissions.

This conference was organized by the International Association for Development of the Information Society (IADIS).

The Interfaces and Human Computer Interaction (IHCI) 2007 Conference aimed to address the main issues regarding the Interface Culture and Design with a particular emphasis on the affective aspects of design, development and implementation of interfaces and the generational implications for design of human and technology interaction. This conference tried to explore and discuss innovative studies of technology and its application in interfaces and welcomed research in progress, case studies, practical demonstrations and workshops in addition to the traditional submission categories.

The submissions were accepted under the following areas of interest:
- Affective User-centred analysis, design and evaluation
- The value of Affective Interfaces/ Systems/ Application/ Interaction
- Generational differences and technology design
- Measurement of success of emotional technology/ interfaces
- Supporting user populations from difference generations
- Supporting user populations with Physical Disabilities
- Supporting user populations with Intellectual Disabilities
- Creativity Support Systems
- Emotional Design issues/methods/experiences for novel interfaces including tangible, mixed reality interfaces and multi-modal interfaces
- Emotional Design issues/methods/experiences for mobile and ubiquitous computing
- Usability
- User studies and fieldwork
- Methodological implications of emotional user studies.
- Participatory design and cooperative design techniques
- Ethical issues in emotional design
- HCI education and design education
- Eliciting User Requirement
The IADIS IHCI 2007 Conference received 78 submissions from more than 25 countries. Each submission had been anonymously reviewed by an average of three independent reviewers, to ensure that accepted submissions were of a high standard. As a result only 17 full papers were approved which meant an acceptance rate below 22%. A few more papers were accepted as short papers, reflection papers and posters.

Extended versions of the best papers were selected to be published in:

- IADIS International Journal on Computer Science and Information Systems (ISSN: 1646-3692)

The Conference offered also one keynote presentation and a tutorial from an internationally distinguished researcher Professor Bebo White, Stanford University, USA, besides the parallel sessions which included the presentation of full papers, short papers, reflection papers and posters.

**Keynote Presentation:**

THE PROMISE OF RICH USER INTERFACES IN WEB

by Prof. Bebo White, Stanford Linear Accelerator Center (SLAC), Retired, USA

**Conference Tutorial:**

CURRENT BEST PRACTICES IN WEB DEVELOPMENT AND DESIGN

by Prof. Bebo White, Stanford Linear Accelerator Center (SLAC), Retired, USA


Overall this 1st edition of the IHCI Conference offered an opportunity to all their participants to discuss with success the most significant aspects regarding the theme Interfaces and Human Computer Interaction.
The IHCI 2007 Conference was supported by FCT Fundação para a Ciência e a Tecnologia and Luso-American Foundation.

Supported by:

Committee Members:

Adam Cheyer, SRI, USA
Alexander Gelbukh, National Polytechnic Institute (IPN), Mexico
Anton Nijholt, University of Twente, The Netherlands
Asimina Vasalou, Imperial College London, UK
Berry Eggen, Technical University Eindhoven, The Netherlands
Bilge Mutlu, Carnegie Mellon University, USA
Brendan Oke, Deakin University, Australia
Brooke Foucault, Northwestern University, USA
Cecilia Baranauskas, UNICAMP - Universidade Estadual de Campinas, Brazil
Chandra Harrison, University of York, UK
Charlotte Magnusson, Lund University, Sweden
Chris Raymaekers, Hasselt University, Belgium
Christian Müller, DFKI GmbH, Germany
Christophe Cerisara, LORIA, France
Christopher Peters, Université de Paris 8, France
Claude Ghaoui, Liverpool John Moores University, UK
Connor Gray, Deakin University, Australia
Daniela Maria Romano, University of Sheffield, UK
Daniel Salber, Joost, The Netherlands
Dawel Jai, Deakin University, Australia
Dharani Perera, Deakin University, Australia
Dominic Massaro, University of California, USA
Elena Mugellini, University of Applied Sciences of Western Switzerland, Switzerland
Elena Zudilova-Seinstra, University of Amsterdam, The Netherlands
Eli Blevis, Indiana University, USA
Emmanuel Dubois, University of Toulouse, France
Geb Thomas, University of Iowa, USA
Giuseppe Di Fabbriozio, AT&T Labs - Research, USA
Grigori Erevinov, University of Tampere, Finland
Grigori Sidorov, National Polytechnic Institute, Mexico
Guy Wood-Bradley, Deakin University, Australia
Hans-Christian Jetter, University of Konstanz, Germany
Hiram Calvo-Castro, National Polytechnic Institute, Mexico
Huahui Wu, Google, USA
Jacques Terken, Technische Universiteit Eindhoven, The Netherlands
Jean-Claude Junqua, Panasonic Speech Technology Laboratory, USA
Jean-Paul Sansonnet, LIMSI-CNRS, France
Jim Eales, Middlesex University, UK
Jocelyn Smith, CSIRO, Australia
Jörg Baus, DFKI GmbH, Germany
Karl Heinz Weidmann, University of Applied Sciences Vorarlberg, Austria
Katherine Billington, Deakin University, Australia
Keith Knapp, Deakin University, Australia
Laura Naismith, Wayne State University, USA
Li Deng, Microsoft Corporation, USA
Lira Nikolovska, Rhode Island School Of Design, USA
Maarten Sierhuis RIACS/NASA Ames Research Center, USA
Manuel Cruz-Hernandez, Immersion Canada Inc., Canada
Manuel Montes-y-Gomez, Instituto Nacional de Astrofísica, Óptica y Electrónica, Mexico
Marc Fabri, Leeds Metropolitan University, UK
Marco Winckler, IRIT, France
Matt Block, Deakin University, Australia
Mathias Bauer, Mineway GmbH, Germany
Mathieu Raynal, Université Paul Sabatier, France
Matthias Rautenberg, Technical University Eindhoven, The Netherlands
Mauricio Orozco Trujillo, University of Ottawa, Canada
Michael Hobbs, Deakin University, Australia
Mike Zender, University of Cincinnati, USA
Ming Hou, Defence R&D Canada (DRDC), Canada