



call for papers **DSAI**

Software Development for Enhancing Accessibility and Fighting Info-exclusion

8-9 November 2007 . Vila Real campus of Universidade de Trás-os-Montes e Alto Douro (UTAD)

<http://dsai2007.utad.pt>

Welcome to DSAI 2007. After a successful start with DSAI 2006, the International Conference on Software Development for Enhancing Accessibility and Fighting Info-exclusion (DSAI 2007) will take place 8-9 November 2007, at the Vila Real campus of University of Trás-os-Montes and Alto Douro (UTAD), located in northern Portugal. Nowadays, Information and Communication Technologies (ICT) play a major role in our lives. However, ICT development which is indifferent to the concerns of social inclusion may raise barriers and increase the gap between the average user and those with special needs, instead of contributing to eliminating this gap and promoting equal rights and opportunities for all. Senior citizens and others with special needs are often faced with multiple minor disabilities that prevent them from enjoying the benefits of technology and higher quality of life standards. According to the UN Convention on the Rights of Persons with Disabilities, technology design should take into account accessibility and usability features for the protection and promotion of the human rights of persons with disabilities, in all policies and programmes.

The main DSAI objective, this year, is to contribute to the European eInclusion initiative with innovation on ICT-based products and services for people with special needs and promotion of accessible technology.

We invite authors to submit papers in the following and related areas:

Software and Web Accessibility

- Software engineering for accessibility
- Web Accessibility tools and evaluation
- End User Development for accessibility
- E-learning and accessibility
- Virtual environments

Technologies

- Assistive technology
- Computer vision
- Automation and robotic
- Telehealth
- Smart Homes
- Advanced Prototype Systems for Independent Living and Active Ageing

Interfaces and interaction

- Ergonomics
- Accessibility and usability
- Adaptive Interfaces
- Novel and Multi-modal User Interfaces
- Improving digital TV and electronic communications access
- Human Computer Interfaces
- Computer simulation of the user interaction
- Non-invasive Brain Computer Interaction

Case studies

The DSAI 2007 conference is a two-day conference.

PAPER SUBMISSION

DSAI 2007 solicits full papers up to 8 pages in length, in two-column conference format (see <http://dsai2007.utad.pt/submission.html> template.html). All submissions must describe original research, not published nor currently under review for another conference or journal. The program committee will referee all papers, and accepted papers will be published in the conference proceedings.

DEADLINES

Submission of Full Papers: 30-Jun-07
Authors Notification: 30-Jul-07
Final Papers: 30-Sep-07

Conference secretariat

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