

Springer

**International Journal
Universal Access in the Information Society
UAIS**

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*****Call for Papers*****

Special Issue

Universal Access in Technology Enhanced Learning (UATEL)

About the UAIS Journal

The UAIS Journal solicits original research contributions addressing the accessibility, usability and acceptability of Information Society Technologies by *anyone, anywhere, at anytime*, and through *any media and device*. Universal access refers to the systematic effort to proactively apply principles, methods and tools of universal design, in order to develop Information Society Technologies which are accessible and usable by all citizens.

The Journal's unique focus is on theoretical, methodological, and empirical research, of both technological and non-technological nature, that addresses equitable access and active participation of potentially all citizens in the Information Society.

For further information, please, refer to the "Aims and scope" section on the Website of the UAIS Journal.

Aims and scope of this special issue

Human Learning is a basic cognitive process which cannot be replaced by technology, since the "Nuremberg Funnel" – the idea of a technical device to "fill in knowledge" directly into the brain of a learner – has not yet been invented; however, Technology Enhanced Learning (TEL) can facilitate, enhance and motivate human learning processes. Especially in the context of the life-long-learning (LLL) approach, human learning can be assisted by the application of new information technology, including, e.g., interactive Television (iTV), Personal Digital Assistants (PDAs), mobile phones and pervasive and ubiquitous devices. Such devices have an enormous potential to apply new didactical settings for learning purposes which can be subsumed under the terms e-Learning, m-Learning and p-Learning.

In this special issue the focus is on how these technologies can be made accessible for everybody, in order to gain clear benefits for the people involved, following a user-centred approach. Consequently, original research contributions are solicited, which focus on the accessibility of technology enhanced learning including interaction and modalities with a view to improving accessibility for *all users in all contexts of use*.

The thematic scope of this special issue addresses the potential contribution of technology enhanced learning towards improving and widening universal access, and includes scientific issues related to the organization and implementation, as well as the utility and usability, of technology enhanced learning.

Main topics

Contributions are solicited in, but not limited to, the following topics:

- Educational Multimedia, e-Learning, m-Learning, p-Learning, x-Learning
- Human-Computer Interaction (HCI) in Educational Applications
- Design and Development of Interactive Multimedia Learning Objects
- Teaching, Learning and Motivation with Information & Communication Technology
- Computer Supported Collaborative Work (CSCW)
- Visualizations, Animations and Simulations for educational purposes
- Best practice studies
- Tools and Architectures for Technology Enhanced Learning and Teaching

Important dates

New Deadline for submission of papers: June, 26, 2006

Notification of acceptance: August, 15, 2006.

Deadline for submission of camera-ready version of accepted papers: October, 15, 2006.

Expected publication date of the special issue: first half of 2007.

Authors should submit their manuscripts electronically as PDF files to the Guest Editor of the special issue, Andreas Holzinger (e-mail: a.holzinger@computer.org).

Manuscript preparation

Please, refer to the "Instructions to authors" section on the Website of the UAIS Journal.

Reviewing process

All papers will be peer reviewed by three reviewers, experts in the field, appointed by the Guest Editor of the issue in consultation with the Editor-in-Chief of the Journal.

Copyright information

Submission of an article implies that:

- the work described has not been published before, except in form of an abstract or as part of a published lecture, review, or thesis;
- it is not under consideration for publication elsewhere.

For further information, please, refer to the "Copyright information" section on the Website of the UAIS Journal.