



Call for papers - Journal of Computer Assisted Learning (JCAL)

Special Issue on “Adaptive technologies and methods in e/m-Learning and Internet-based education”

*Paper submission deadline: **May 22, 2009***

Notification of acceptance: September 18, 2009

Expected publication date: End of 2009 or beginning of 2010

We are currently witnessing the remarkable impact of Internet and World-Wide-Web Technologies on education as a whole, which revolutionized traditional learning concepts and philosophies throughout the diffusion of more sophisticated techniques that are being developed to support new learning paradigms. Nowadays, more and more educational scenarios occur across different locations and learning contexts, where the focus is on the mobility of the educator/learner. Thus, in parallel to e-learning, mobile-learning (m-learning) takes advantage of the prospects offered by portable technologies, the Internet and web services. In addition, an emerging interest in group-centred teaching and learning mechanisms leads towards adaptive instruction and collaborative learning models for Web 2.0, social networks and communities. Adaptive instruction offers the learners the possibility to satisfy their learning needs more efficiently with pedagogical procedures designed to accommodate their individuality, while collaborative learning provides opportunities for developing social and communication skills (e.g. critical thought, dialogue, exchange of ideas, shared understanding etc). Although several approaches are constantly being deployed, advanced issues and concepts of such distance learning models still need to be studied and developed in the context of adaptive technologies and methods. Thus, researchers need to explore and study the plethora of challenges that emergent technologies bring to e/m-Learning and Internet-based education.

This special issue aims at increasing the awareness of researchers in these fields, providing an in-depth investigation on various research and deployment issues, as well as examining the performance characteristics of various approaches in Internet-based education among different learning contexts. We invite researchers from both academia and industry to submit papers addressing topics covered by this special issue including:

- *Pervasive, dynamic and efficient training patterns in e-learning/m-learning environments and scenarios,*
- *Recent advances in e-learning/m-learning platforms (e.g. whiteboard, chat channels, discussion forums, e-Tutoring systems),*
- *Intelligent networks and ubiquitous learning*
- *Emergent IP-based technologies for distance education,*
- *Assistive / Adaptive / Personalized educational environments according to the users' abilities and/or disabilities*
- *Assistive technologies on continuous education and training / Life-long learning*
- *Adaptive educational content authoring*
- *Social networks, community structure and collaborative recommendation technologies for e-learning/m-learning environments*

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Submission Details

- Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. All submitted papers for this special issue will be peer-reviewed.
- A guide for authors, sample copies, and other relevant information for submitting papers are available at the publishers web page http://www.jcal.info/guidelines_for_authors/index.htm. Manuscripts should be emailed as pdf, or word format to the corresponding editor.