Call for Papers

Special Issue
The Use of Mobile Technology and Ubiquitous Computing for Universal Access in Online Education

Guest Editor
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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
Innovative modes of learning integrated with Information and Communication Technologies (ICT) and mobile technology have emerged in recent years and become increasingly used in schools (Papastergiou, 2009; Tsai, in press). The rapid proliferation of mobile technology devices, such as mobile phones and tablets, has had a significant impact on the information society, bringing about important changes in ways of daily life (Nedungadi & Raman, 2012). It is worth noting that technology has been regarded as a potential solution to the problems inherent within mass education (Brosnan, 2012), with technological advances leading educators to reconsider and ascertain whether new instructional methods can modify or even magnify student’s learning styles (Ongun, Altas & Demirag, 2011). Modern educators should devote more effort to facilitate learning by using mobile technology and integrate them with appropriate learning strategies for both teachers and students.
This special issue spans technological, pedagogical, theoretical, and practical issues of universal access in online education. Research on mobile technology, ubiquitous computing, online education, and evaluation of mobile technology in universal access are appropriate for this special issue. Practical experiences and experiments in using mobile technology, ubiquitous computing, and web-based learning technologies are also welcome. We look forward to contributions from academicians, researchers, and educators worldwide.

Original research contributions are solicited, which focus on mobile technology, ubiquitous computing, and educational technologies to improve learning and accessibility for all learners in all contexts of ubiquitous learning, empowering individuals to fully participate in, and benefit from, the knowledge society.

The thematic scope of this special issue includes scientific issues related to mobile technology and ubiquitous computing, such that it may contribute to improving and widening the effects of universal access in online education.

Main topics
This special issue will focus on research work on the design, evaluation, adoption, and implementation of mobile technology and ubiquitous computing, with focus on the domain of learning and education. Authors of submissions should carefully explain how the technology, design, and support for accessibility from mobile technology and ubiquitous computing directly impact learning performance in online learning environments. Submissions may also provide reference for future adoption of mobile technology and ubiquitous computing by online educators.

Contributions are solicited in, but not limited to, the following topics:
- Mobile technology
- Ubiquitous computing
- Ubiquitous learning
- Online education
- Evaluation of mobile technology in universal access
- Design of mobile technology for learning
- The usability and stability of mobile technology and ubiquitous computing
- Adoption of mobile technology and ubiquitous computing
- Mobile learning
- Best practices

Important dates
Deadline for submission of papers: October 1, 2013
Deadline for submission of camera-ready version of accepted papers: March 1, 2014.
Expected publication date of the special issue: second half of 2014.

Authors should submit their manuscripts electronically as both WORD and PDF files to the Guest Editor of the special issue, Chia-Wen Tsai (jawn12b@gmail.com).

Manuscript preparation
Please, refer to the “Instructions to authors” section on the Website of the UAIS Journal.
Review process
All research articles submitted to this special issue will undergo rigorous peer review. All papers will be peer reviewed by at least three reviewers, experts in the field, appointed by the Guest Editor.

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.

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References


