

Emerging Internet Technologies and Applications for e-Learning

Special Issue of IEEE Internet Computing

Guest Editors: **Qing Li**, **Rynson W.H. Lau**, **Benjamin Wah** and **Helen Ashman**

Aims:

Due to the popularity of the Internet, we are seeing more and more sophisticated techniques as well as powerful applications being developed for e-learning. The rapid development of Web-based learning and new concepts like virtual classrooms, virtual laboratories and virtual universities introduces many new issues to be addressed. On the technical side, we need to develop effective technology for supporting distance education. On the learning and management side, we need to consider issues such integrating the traditional learning model with the new e-learning model and different system set-up requirements. Finally, the issue of standardization of e-learning systems should also be considered. In this special issue, we attempt to cover both technical side and the learning and management side. We are also interested in social and educational aspects of e-learning too. We call for papers that present recent development on Internet technologies and applications for e-learning.

Topics:

In this special issue, we call for original papers that describe novel internet technologies that support distance education. Areas of interests include, but are not limited to:

- Distributed course-material databases, multi-modal query and Web document processing
- Media server architectures, including peer-to-peer, multi-server and grid-based architectures
- Techniques to support synchronous and asynchronous tutoring
- Techniques to support collaborative and personalized learning
- Security and privacy concerns in e-learning environments
- Integration of multimedia information, including images / audios / videos / graphics
- Integration of e-learning with traditional learning
- Social and educational aspects of the technologies

Submission:

Each paper for submission should be formatted in double spacing, single column of no more than 5000 words in length. Author instructions can be found at the Author Center of IEEE Internet Computing. Prospective authors should submit their papers online through at <https://mc.manuscriptcentral.com/ic-cs>. Updated information of this call can be found at: www.cs.cityu.edu.hk/~rynson/ic/ic-cfp.html.

Schedule (revised):

Deadline for paper submission:	November 1, 2008
Completion of first review:	January 2, 2009
Minor/Major revision due (first round):	February 4, 2009
Completion of second round of reviews:	March 15, 2009
EIC's Final decision:	April 1, 2009
Publication materials due:	April 15, 2009
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