Call for Papers

Special Issue on Multimedia System Technologies for Educational Tools

The application of multimedia system technologies to the field of education is of high interest today, due to the wide accessibility of Internet and computer technologies in the classroom. Multimedia technologies have been successfully and widely applied to teaching, learning, digital libraries, *etc.*, in recent years. Multimedia technology for education has also been a subject of intense research. In the past ten years, the research of multimedia technology for education has been scholarly as well as practical. The expectations for the educational system have changed markedly during the past few decades. Many of the newer expectations are rooted in the rapidly increasing capabilities and availability of information technology. As a key information technology for education, multimedia technology provides a fresh perspective to pedagogy and is causing a revolution in the way educators approach the classroom. This is an important arena in which Computer Science and Electrical and Computer Engineering impact K-University education.

This special issue is aimed at dissemination of recent advances in multimedia systems and technologies for educational tools. Research topics in this field include (but are not limited to):

- Multimedia systems
- Multimedia classrooms
- Multimedia digital library and related technologies (image retrieval, sound retrieval, natural language processing, *etc.*)
- Multimedia presentation
- Computer-aided visualization as a tool for teaching and learning
- Multimedia interfaces for teaching and learning
- Multimedia for education of the disabled
- Virtual classrooms
- Multimedia data fusion technology
- Multimedia information transmission
- Interactive multimedia for education
- Distance education and video streaming

Prospective authors are invited to submit full original papers in electronic format (PDF only) to one of the guest editors:

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The papers should not be longer than 30 pages including figures, tables and references, single column, double space, 11 point or greater font size. If the submitted papers are extensions of existing conference publications, the authors must submit a corresponding letter, specifying clearly what is new in the journal paper and how the submitted paper distinguishes itself from the published conference paper (at least 30% new material in the journal paper). For the final version, the authors will prepare the paper in the ACM format (see http://www.acm.org/sigs/pubs/proceed/sigguide-v2.1sp.htm). (up to 15 pages, double column, single space, 11 or 10 point format.) Each paper will be reviewed by three experts and the decision will be made based on the quality of the paper.