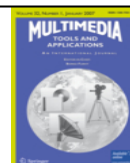


Special Issue Call for Papers

Multimedia Tools and Applications (ISSN: 1380-7501)

Special Issue on Recent Advances and Future Directions in Multimedia and Mobile Computing



Introduction

Recent advances in pervasive computers, networks, telecommunication, and information technology, along with the proliferation of multimedia-capable mobile devices, such as laptops, portable media players, personal digital assistants, and cellular telephones, have stimulated the development of intelligent and pervasive multimedia applications in a ubiquitous environment. Due to constant changing environments, Mobile multimedia implies considerable challenges to operators, infrastructure builders in terms of ensuring fast, reliable services and accommodating the quick growing global customer needs.

This special issue aims to foster the dissemination of high quality research in any new theory and technique and to present future directions regarding multimedia and mobile computing. This special issue welcomes papers focused on all topics ranging in the wide spectrum of multimedia and mobile computing with emphasis on theoretical aspects as well as practical frameworks and implementations. Overall, the special issue will outline the recent trends, major challenges, and perspectives related to multimedia and mobile computing.

Topics

Original contributions, not currently under review to another journal or conference, are solicited in relevant areas including, but not limited to, the following:

- Multimedia Database and Data Mining
- Distributed Multimedia System
- Multimedia indexing and retrieval
- Multimedia in mobile and ambient systems
- IPTV and mobile TV related issues
- Privacy and Security in Mobile Multimedia
- Multimedia coding, streaming, networking, and Services
- Audio and Video Analysis, Modeling, Processing and Transformation
- Mobile Multimedia Applications and Services
- Software Architectures for Mobile Multimedia
- Infrastructures for Mobile Multimedia
- Societal Issues of Mobile Multimedia
- Mobile Multimedia Markets & Business Models
- Provisioning of Mobile Multimedia Services
- Mobile Multimedia Network Traffic Engineering & Optimization
- Wireless and Mobile Multimedia Network Management and Application

Submissions

Authors are invited to submit manuscripts reporting original unpublished research and recent developments. Manuscripts should be written in English and strictly follow the guideline of the Information Systems Frontiers journal. Instructions for Contributors are in: <http://www.springer.com/computer/information+systems/journal/11042>). Manuscripts should be submitted online at <http://mtap.edmgr.com/> and to the corresponding Guest Editor, Prof. Changhoon Lee, at changhoonlee08@gmail.com. Please mention the special issue title in the covering letter and in the appropriate fields of the online form which requests this information.. Besides regular submissions, the quality papers selected from the 4th International Conference on Multimedia and Ubiquitous Engineering (MUE 2010, <http://www.ftrai.org/mue2010/index.html>) will be invited to this special issue if they are substantially revised from conference version with at least 30% new materials or results to comply with the copyright regulations. All papers will be rigorously reviewed by at least two reviewers based on the quality: originality, high scientific quality, organization and clarity of writing, and support provided for assertions and conclusion.

Important Dates

Deadline for paper submission: September 30th, 2010
1st revised paper date: January 31st, 2011
Publication date: 2011 (Tentative)

1st notification of acceptance: Dec. 31st, 2010
2nd notification of acceptance: February 28th, 2011

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