

## Special Issue on Ubiquitous Media

### Call for Papers

The fast developments in the electronics industry and the emerging convergence of the triple (video, voice, and data) signal services let media communications and computing increase ubiquitously. Meanwhile, the innovation of the future network service may create many new challenges for media applications, such as mobile TV, video conferencing, gaming, IPTV multimedia visualization, navigation. These ubiquitous media services create our consumer and brand environment and have been contributing extensively and more closely to our life experience, especially the applications in mobile and other embedded devices. With the increasing number of the customers who would like to own a ubiquitous multimedia service because of the convenience and utilization, the requirements for this kind of service from the customers are increasing, such as the quality, speed, and electric consumption. Therefore, the ubiquitous media technologies have become the state-of-the-art research topics and are expected to have an important role in human life in the future.

The objective of this special issue is to invite high state-of-the-art research contributions, tutorials, and position papers that address the broad challenges of integrating ubiquitous media technologies into everyday objects, devices, and activities for the current and future network services. Original papers not currently under review by any other journal/magazine/conference/special issue are solicited. Potential topics include, but are not limited to:

- Media communication and networking in ubiquitous/pervasive systems
- Coverage and survivability problems for ubiquitous media in wireless sensor networks
- Media data and resource management in wireless mobile networks
- Security, privacy, trust, and safety issues for ubiquitous media
- Performance measurement and evaluation, QoS and QoE
- Design of the future wireless networks
- Multimedia wireless transmission networks, systems, and applications
- Low-complexity multimedia signal codec and processing for wireless networks

- Ubiquitous media development, fusion, and application in 3G, sensor network, IOT (Internet of Things), and so forth
- New features, technologies, and current challenges in ubiquitous media
- Error concealment and resilience algorithms for wireless networking transmissions

Before submission authors should carefully read over the journal's Author Guidelines, which are located at <http://www.hindawi.com/journals/wcn/guidelines.html>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mts.hindawi.com/> according to the following timetable:

Manuscript Due	July 15, 2011
First Round of Reviews	October 15, 2011
Publication Date	January 15, 2012

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