



# CALL FOR PAPERS



## Telecommunication Systems

### Special Issue on Wireless Multimedia Networks and Security Services

Wireless multimedia networks (WMN) allow people to access rich multimedia content anytime, anywhere, using different access networks and different computing devices. It is anticipated that wireless multimedia services (WMS) will change the way we operate and interact with the world with the development of numerous interesting wireless multimedia applications. The new possibilities of wireless multimedia computing pose several research challenges. One of the challenges is security issue in WMN. Therefore, in WMNs, not only novel techniques, algorithms, architectures and experiences regarding multimedia applications but also security services should be considered. This special issue will focus on the challenges and issues related to wireless multimedia networks and the security services. Thus, it aims high-quality original unpublished research articles that describe state-of-the-art approaches and solutions for the wireless multimedia networks and their security. Topics of interest include but are not limited to, the following:

- Multimedia indexing, processing and retrieval for WMN
- Data mining applications in WMN
- Content-aware multimedia distribution in WMN
- Multimedia multicasting in WMN
- QoS management in WMS
- Multimedia and multimodal interaction models in WMN
- Novel wireless and mobile multimedia applications and services
- Emerging standards, protocols and technologies in WMN
- Security, privacy, and cryptographic algorithms in WMN
- Network security issues and protocols in WMN
- Authentication, identity management in WMN
- Intrusion detection and prevention in WMN
- Content protection and digital rights management for WMS
- Trusted computing in WMS
- Information hiding and watermarking in WMS
- Network forensics and fraud detection for WMS

Extended versions of the selected best papers at the WIMUCS 2009 are invited to submit to this special issue. The extended version of paper must have at least 30% fresh matter than the previous paper. Besides, high-quality original unpublished research articles, not currently under review to another journal or conference are also invited for this special issue.

#### Important Dates:

Full manuscript due: February 15, 2010  
Acceptance Notification: June 15, 2010  
Final manuscript due: September 15, 2010  
Publication date: 1Q or 2Q 2011 (Tentative)

#### Submission Guidelines:

Authors must follow guidelines provided in the Telecommunication Systems Journal, Springer website: (<http://www.springer.com/business/business+information+systems/journal/11235>) while preparing a manuscript. Authors are invited to submit manuscripts in PDF format to the following email address: [tssiwimuns@gmail.com](mailto:tssiwimuns@gmail.com) with "SI Submission – WIMUCS, JTS" at the subject. The submission must include a cover letter containing a title, abstract, authors and the corresponding author's name and affiliation along with the manuscript. All papers will be rigorously reviewed based on originality, high scientific quality, organization & relevance to this special issue. For further questions or inquiries, please contact us at the following email address: [tssiwimuns@gmail.com](mailto:tssiwimuns@gmail.com).

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