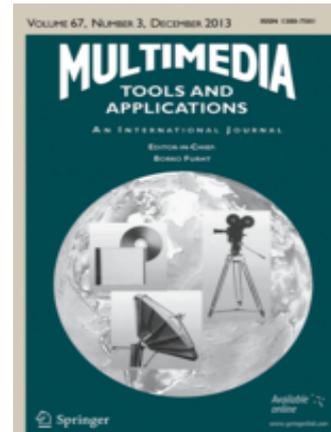


# Multimedia Tools and Applications

(A Springer Journal, SCI JCR IF=1.346)

## Call for Papers

### Special Issue on Multimedia Social Network Security and Applications



### Aims and Scopes

In the increasingly inter-connected society, multimedia social network (MSN) has become a ‘mainstream’ tool used by online users to connect and share contents with other users 24/7 in real-time. It is, therefore, unsurprising that MSN has become a salient area of inquiry by computer scientists and computer security researchers. For example, researchers need to design intelligent computing and soft computing technologies to improve multimedia system functions, efficiency and performance, and improving user’s sharing experiences (e.g. using recommendation systems and more effective algorithms). In addition, security of users and data are also an ongoing topic of interest and importance due to the ease in producing and sharing user and multimedia content using MSNs. In recent years, we have seen advances in multimedia system security and soft computing for MSN applications, such as “hard” security mechanisms (e.g. protocols and methodologies) and “soft” computing methods (e.g. machine learning and rough set), as well as research efforts in trust assessment, risk management and social factors to understand the trade-off between the effectiveness and security in MSNs.

This special issue aims to bring together researchers in both academia and industry to publish cutting edge research on the following:

- ✧ Multimedia social network security architecture, model and networking
- ✧ Cryptographic methods for multimedia social network and system security
- ✧ Reactive watermarking and forensics for multimedia content
- ✧ Digital rights management, usage control and privacy protection for multimedia social network
- ✧ Soft computing techniques for multimedia social network applications, including neural network, rough set and machine learning
- ✧ Multimedia recommendation systems and highly-efficient algorithms for multimedia social network applications
- ✧ Trust assessment, risk management and social-factor considerations in multimedia social network applications

- ✧ Personal and mobile multimedia social network applications
- ✧ Multimedia social network-oriented prototypes, cases studies and other applications

High quality survey papers on the above topics are also welcome.

### **Submissions Guideline**

Papers submitted to this special issue for possible publication must be original and must not be under consideration for publication in any other journal or conference. If the submission is an extended version of a previously published workshop or conference paper, this should also be explicitly mentioned in the cover letter, the published paper must be cited in the submitted journal paper, and the submitted journal paper must technically extend the conference version, by 30% according to general rules; i.e., the technical contribution in the journal version must be extended beyond what was presented in the conference version.

Authors must follow the formatting and submission instructions of MTAP at <http://www.springer.com/computer/information+systems+and+applications/journal/11042> and follow the "Submit Online" link on that page. Please make sure you select the SI title "**Multimedia Social Network Security and Applications**" at the column of "Article Type" when you submit on-line, and mention in your cover letter that you are submitting to this special issue.

All submitted papers will be peer reviewed by at least three reviewers according to the usual standards of this journal, and will be evaluated on the basis of originality, quality and relevance to this Special Issue and the journal, and on the basis of clarity and correct usage of English.

If you have any question, please do not hesitate to contact the corresponding GE, Prof. Zhiyong Zhang, by [zzy@iastate.edu](mailto:zzy@iastate.edu) and [z.zhang@ieee.org](mailto:z.zhang@ieee.org).

### **IMPORTANT DATES**

Paper submission: January 15, 2016  
1st round review notification: March 15, 2016  
1st revision due: June 1, 2016  
2nd round review notification: July 1, 2016  
2nd revision due: August 15, 2016  
Final acceptance: September 15, 2016  
Publication (Tentative): The last quarter of 2016

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