

## Special Issue Call for Papers

Multimedia Tools and Applications, Springer Journal <http://www.springer.com/journal/11042>

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### Special issue on

### “Advances in Security and Privacy of Multimedia Big Data in Mobile and Cloud Computing”

#### Aim and Scope:

Cyber security and privacy is an essential need for modern society where information technology and services pervade every aspect of our lives. Specially, security and privacy of multimedia big data which is becoming a part of daily life to access different multimedia systems, services and applications is a serious issue, today. However, it is challenging to achieve, as technology is changing at rapid speed and our systems turn into ever more complex. Moreover, cyber space is considered as fifth battle-field after land, air, water and space. The explosion of multimedia data (image, video, 3D, etc.) in mobile and cloud computing have created unprecedented opportunities and fundamental security and privacy challenges as they are not just big in volume, but also unstructured and multi-modal.

The aim of this special issue is to provide a premier international platform for wide range of professions including scholars, researchers, academicians and Industry people to discuss and present the most recent security and privacy challenges and developments in ‘multimedia big data in Mobile and Cloud Computing’ from the perspective of providing security awareness and its best practices for the real world. This special issue is open to submit novel and high quality research contributions in the field of multimedia information security and privacy. We anticipate that this special issue will open new entrance for further research and technology improvements in this important area.

#### Topics:

The scope of the issue encompasses, but is not restricted to, the following areas:

- Security and privacy of multimedia data in mobile devices
- Security and privacy of multimedia big data in mobile cloud computing
- Security and privacy management of multimedia big data in Cloud Computing
- Mobile cloud computing intrusion detection systems
- Security of pricing and billing for mobile cloud computing multimedia services
- Cryptography, authentication, authorisation and usage control for multimedia big data in cloud
- Security and privacy of multimedia big data in smartphone devices
- Security of Mobile, peer-to-peer and pervasive multimedia services in clouds
- Security of multimedia big data in Mobile commerce and mobile internet of things
- Security and privacy of multimedia big data in sensor networks
- Multimedia big data-enabling social networks on Clouds
- Resource management for multimedia big data on Clouds
- Cryptography, authentication, authorisation and usage control for multimedia big data in mobile devices
- Multi-modal information retrieval for big data on Clouds
- Multidimensional visualization systems of multimedia big data on Clouds
- Security and privacy of multimedia big data in social applications and networks
- Multimedia Web service security

## **Submission Guidelines:**

Each paper for submission should be formatted according to the style and length limit of Multimedia Tools and Applications. Please refer complete Author Guidelines on the website. Note that published papers and those currently under review by other journals or conferences are prohibited. Each paper will be reviewed rigorously, and possibly in two rounds, i.e., minor/major revisions will undergo another round of review. Prospective authors are invited to submit their papers directly via the online submission system at <https://www.editorialmanager.com/mtap/>.

## **Important Dates:**

Full Manuscript submission deadline:	October 30, 2016
Peer Review Due:	December, 30, 2016
Revision Due:	February 20, 2017
Final manuscripts due:	April 10, 2017

## **Guest editors:**

Dr. B. B. Gupta, National Institute of Technology Kurukshetra, India (Email: [bbgupta@nitkkr.ac.in](mailto:bbgupta@nitkkr.ac.in))  
Dr. Shingo Yamaguchi, Yamaguchi University, Japan  
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