

Call for Papers

Special Issue on New Advances of Privacy Protection and Multimedia Content Security for Big Data for IETE TECHNICAL REVIEW

Aims and Scope

Multimedia signal processing and Internet technology are omnipresent in our daily lives, however, a lot of relevant security issues have emerged as well, such as covert communication using multimedia files, copy-move forgery in digital images and videos, biometric spoofing. To address these issues, many multimedia information security techniques were proposed utilizing the methods in areas like deep learning, signal and image processing in encrypted domain, and privacy protection. Nevertheless, there are some notable shortcomings in research methodologies. Current studies for the multimedia content security are often based on the strict conditions that are nearly impossible to meet up in real world. Furthermore, the high computational complexity of the current methods makes it hard to handle the big data in the cloud computing environment. All these drawbacks limit the applications of the secure techniques in practice.

This special issue will focus on the latest research on the topics of privacy protection and multimedia information security, with a particular emphasis on novel and highly efficient methodologies that have the potential to be used for big data. Possible topics for the manuscripts submitted to this special issue include, but are not limited to:

- ✧ Multimedia Fingerprinting and Traitor Tracing
- ✧ Multimedia Watermarking, Fingerprinting and Identification
- ✧ Multimedia Forensic, Authentication and Encryption
- ✧ Multimedia Privacy Protection for Big Data
- ✧ Steganography and Steganalysis for Big Data
- ✧ Signal Processing in the Encrypted Domain
- ✧ Coverless Information Hiding
- ✧ Biometrics Encryption and Hashing in cloud storages
- ✧ Source Device Identification and Linking
- ✧ Security of Large Multimedia System
- ✧ Covert Communications and Surveillance.

Important Dates

Deadline of manuscript submission:	30 June, 2018
Notification of review results:	30 September, 2018
Deadline of revised manuscript submission:	30 November, 2018
Notification of final decisions:	31 December, 2018

Instructions for Manuscripts

1. All manuscripts should follow the author instructions of IETE TECHNICAL REVIEW at www.tandfonline.com/titr and be submitted online at ScholarOne Manuscripts™ submission site: <https://mc.manuscriptcentral.com/titr>.
2. During the submission, please indicate the manuscripts are submitted to the special issue of NEW ADVANCES OF PRIVACY PROTECTION AND MULTIMEDIA CONTENT SECURITY FOR BIG DATA by choosing the corresponding article type.
3. The selected conference papers must undergone substantial extensions of at least 40% new contents with respect to the original versions before submission.
4. The article processing charges for each accepted special issue article are 1500 US dollars according to the standard of Taylor & Francis Publisher for open access.

Guest Editors



Prof. Chuan Qin
University of Shanghai for Science and Technology, China
Email: qin@usst.edu.cn



Prof. Zhenxing Qian
Fudan University, China
Email: zxqian@fudan.edu.cn



Prof. Jinwei Wang
Nanjing University of Information Science & Technology, China
Email: wjwei_2004@163.com



Prof. Xinpeng Zhang
Fudan University, China
Email: zhangxinpeng@fudan.edu.cn