

**Title:**

International Workshop on Multimedia Content Security and Privacy Protection.

**Abstract:**

Multimedia signal processing 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 Workshop will focus on the latest research on the topics of privacy protection and multimedia content security, with a particular emphasis on novel and highly efficient methodologies that have the potential to be used in cloud environment.

**Scope and Topics:**

- ✧Multimedia Fingerprinting and Traitor Tracing
- ✧Multimedia Watermarking, Fingerprinting and Identification
- ✧Multimedia Forensic, Authentication and Encryption
- ✧Multimedia Privacy Protection
- ✧Steganography and Steganalysis
- ✧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.

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**Jinwei Wang** was born in Inner Mongolia, China, in 1978. He received the B.A.Sc. in automatic control from Inner Mongolia Electric Power College in 2000. He was a teaching assistant at Inner Mongolia University of Technology from July 2000 to September 2002. He received the Ph.D. student in information security at Nanjing University of Science & Technology in 2007 and was a visiting scholar in Service Anticipation Multimedia Innovation (SAMI) Lab of France Telecom R&D Center (Beijing) in 2006. He worked as a senior engineer at the 28th research institute, CETC from 2007 to 2010. He worked as a visiting scholar at New Jersey Institute of Technology, NJ, USA from 2014 to 2015. Now he works as a professor at Nanjing University of Information Science and Technology. His research interests include multimedia forensics, multimedia encryption and multimedia watermarking. He has published more than 60 papers, hosted and participated in more than 10 projects.

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