

**Title:**

Machine Learning & Multimedia Security.

Abstract:

Machine Learning techniques have been attracted increasing attention around the world and are now being widely used to solve a whole range of hitherto intractable problems. Multimedia signal processing are omnipresent in our daily lives, however, a lot of relevant security issues have emerged as well, such as copy-move forgery in multimedia, unauthorized access, malicious attacks and impersonating/stealing identities greatly threat the security and privacy in multimedia. 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. This workshop will focus on the latest research on the topics of machine learning and multimedia security, with a particular emphasis on novel and high-quality research contributions that demonstrate and explore current advances in all aspects of machine learning, multimedia security and related applications.

Scope and Topics:

This workshop encourages submissions on both theoretical technologies and practical applications. Topics of interests include but are not limited to the following aspects:

- ✧ Machine learning on encrypted data
- ✧ Machine learning for image recognition and classification
- ✧ Intelligent Control
- ✧ Machine learning for secure medical image sharing
- ✧ Multimedia fingerprinting and traitor tracing
- ✧ Multimedia watermarking and identification
- ✧ Multimedia forensic and encryption
- ✧ Multimedia privacy-preserving machine learning
- ✧ Deep learning applied to natural language processing
- ✧ Steganography and Steganalysis
- ✧ Signal processing in the encrypted domain
- ✧ Deep learning applied to multimedia security
- ✧ Machine learning for biometric authentication

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http://jsj.csuft.edu.cn/szdw_1327/jsfc/201505/t20150511_33336.html

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