

Journal of Multimedia

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Editor-in-Chief: Dr. Jiebo Luo

Special Issue on

Digital Rights Management for Multimedia Content

Introduction

Digital Rights Management (DRM) techniques and systems are intended to protect the rights of content owners in scenarios in which the participants often have conflicting goals and interests. This adversarial situation introduces interesting new twists on classical problems studied in cryptology and security research, such as key management and access control. Multimedia content's properties, such as large volumes, real-time transmission and interactive consuming, brings new requirements to DRM techniques. Furthermore, novel security mechanisms and innovative designs can enable new business models and applications.

Till now, several workshops related to these topics have been held. However, few special issues on journals have been organized. This special issue aims to expose the readership to the latest research results on Digital Rights Management. It will include a number of related topics, demonstrate pioneer work, investigate novel solutions and discuss the future trends in this field.

Topics

The special issue expects the submissions on all theoretical and practical aspects of DRM, as well as experimental studies of fielded systems on topics including, but not limited to

- Digital Rights Management protocols
- Innovative DRM systems or architectures
- Broadcast encryption and revocation
- Traitor tracing and forensics
- Privacy and anonymity in multimedia systems
- Multimedia encryption and authentication
- Multimedia watermarking and fingerprinting
- Multimedia ownership, identification and filtering
- Multimedia steganography and steganalysis
- Multimedia forensics
- Secure multimedia system in home networks
- Secure multimedia sharing in social networks
- Other typical techniques and applications of DRM

Besides normal submissions, the revised or extended best papers accepted by 6th IEEE International Workshop on Digital Rights Management (IEEE CCNC DRM 2010) (<http://drm.unige.ch/>), are also invited to this special issue. But, there should be at least 30% difference between the journal paper and the conference paper.

Submission

The submitted papers must be written in English and describe original research which is not published nor currently under review by other journals or conferences. Author guidelines for manuscript preparation can be found at <http://www.academypublisher.com/jmm/forauthors.html>. All manuscripts should be submitted through the online submission system: <http://edas.info/newPaper.php?c=7325>. Please select the corresponding special issue during your submission. For queries, please contact Jean-Henry.Morin@unige.ch or sglian@gmail.com. All papers will be rigorously reviewed based on their originality, scientific quality, organization, clarity of writing, and support provided for assertions and conclusion (at least three reviewers for each paper).

Important Dates

Submission deadline:	March 15, 2010
Acceptance notification:	June 15, 2010
Camera-ready due:	July 15, 2010
Publication date:	October, 2010

Guest Editors

Jean-Henry Morin, University of Geneva, Switzerland
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