



CALL FOR PAPERS



12th ACM Multimedia and Security Workshop

September 9 -10, 2010, Rome, Italy

General Chair/ Local Arrangement Chair and Treasurer

Patrizio Campisi,
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Program Chairs

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Balakrishnan Prabhakaran
Claus Viehauer
Sviatoslav Voloshynovskiy
Min Wu

Time Schedule

Submissions end: May 14, 2010
~~April 28, 2010~~
Authors notified: June 15, 2010
Camera ready: June 30, 2010
Workshop: September 9-10, 2010

Workshop Website:

<http://www.mmsec10.com>



The 12th ACM Multimedia and Security Workshop MM&Sec will be held in Rome, Italy, at the Università degli Studi Roma TRE. Its objective is to identify key future research issues in the areas of multimedia security such as data protection, media forensics, hidden communications and security issues in biometrics, as well as topics in technology policy and legal issues pertaining to multimedia security. We expect the workshop to motivate this research and to establish fruitful relationships with key actors from academia, industry, and government in the US and European and Asian countries. It will consist of invited papers, full papers, short papers, and possibly a rump or a panel session. This event continues a successful series of workshops started in 1998.

WORKSHOP OBJECTIVES

- Discussion of emerging technologies in digital multimedia and security with focus on authentication, encryption, identification, fingerprinting, steganography and steganalysis, secure multimedia networking and biometric user authentication
- Identification of critical high impact research problems addressing specified deficiencies in the field of secure multimedia distribution and consumption
- Formulation of target applications of identified technologies in both the commercial, civilian, and military sectors
- Exposition of policy, legal and business issues connected to multimedia security

SCOPE AND PAPERS

Papers addressing issues of secure multimedia processing, transmission, and consumption are welcomed. Both theoretical concepts dealing with fundamental performance issues and application-oriented contributions within this scope will be considered. Software and hardware demos are highly encouraged.

Topics include but are not limited to:

- Multimedia watermarking, fingerprinting and identification
- Multimedia network protection, privacy and security
- Multimedia authentication and encryption
- Signal Processing in the Encrypted Domain
- Digital media forensics
- Steganography and steganalysis
- Biometrics for user authentication, security issues of biometrics, biometric template protection, security in multimodal and multifactor authentication
- Biometrics and Smart Cards, ID Cards
- Secure multimedia system design, protocol security
- Security evaluation and benchmarks
- Emerging applications
- Legal and policy issues as well as their interaction with technological development

This year two special sessions will be organized on the topic of "Security in Biometrics" and "Industrial Challenges and Applications", please indicate special session submissions in your paper submission.

In particular, this call for papers requests full papers with a high degree of innovations as well as short papers with interesting improvements of prior art or position papers on new ideas and research directions. Full papers should be 6-10 pages long, short papers 4-6 pages long (ACM format <http://www.acm.org/sigs/pubs/proceed/template.html>). Accepted papers will be published in the ACM workshop proceedings.

Submission Deadline ~~April 28, 2010~~ May 14, 2010 (extended)

Authors are invited to submit, online, full or short papers by indicating the type of the paper (full/short) in electronic format (PDF or PostScript) to the URL <https://cmt.research.microsoft.com/ACMMMS2010/>. Create a new user account, login, and follow the submission instructions.