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Front Matter: Volume 7254

, "Front Matter: Volume 7254," Proc. SPIE 7254, Media Forensics and Security, 725401 (5 February 2009); doi: 10.1117/12.824734

SPIE.

Event: IS&T/SPIE Electronic Imaging, 2009, San Jose, California, United States

Media Forensics and Security

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19-21 January 2009
San Jose, California, USA

Sponsored and Published by
IS&T—The Society for Imaging Science and Technology
SPIE

Volume 7254

Proceedings of SPIE, 0277-786X, v. 7254

The papers included in this volume were part of the technical conference cited on the cover and title page. Papers were selected and subject to review by the editors and conference program committee. Some conference presentations may not be available for publication. The papers published in these proceedings reflect the work and thoughts of the authors and are published herein as submitted. The publishers are not responsible for the validity of the information or for any outcomes resulting from reliance thereon.

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Author(s), "Title of Paper," in *Media Forensics and Security*, edited by Edward J. Delp III, Jana Dittmann, Nasir D. Memon, Ping Wah Wong, Proceedings of SPIE-IS&T Electronic Imaging, SPIE Vol. 7254, Article CID Number (2009).

ISSN 0277-786X

ISBN 9780819475046

Copublished by

SPIE

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Printed in the United States of America.

Paper Numbering: Proceedings of SPIE follow an e-First publication model, with papers published first online and then in print and on CD-ROM. Papers are published as they are submitted and meet publication criteria. A unique, consistent, permanent citation identifier (CID) number is assigned to each article at the time of the first publication. Utilization of CIDs allows articles to be fully citable as soon they are published online, and connects the same identifier to all online, print, and electronic versions of the publication. SPIE uses a six-digit CID article numbering system in which:

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The CID number appears on each page of the manuscript. The complete citation is used on the first page, and an abbreviated version on subsequent pages. Numbers in the index correspond to the last two digits of the six-digit CID number.

Contents

vii	Conference Committee
ix	Introduction

MEDIA FINGERPRINTING

7254 02	Video fingerprinting for copy identification: from research to industry applications [7254-01] J. Lu, Vobile, Inc. (United States)
7254 03	Video fingerprinting for live events [7254-02] M. Celik, J. Haitzma, P. Barvinko, G. Langelaar, M. Maas, Civolution (Netherlands)
7254 04	Machine-assisted editing of user-generated content [7254-03] M. Cremer, R. Cook, Gracenote (United States)
7254 05	Image and video fingerprinting: forensic applications [7254-04] F. Lefebvre, B. Chupeau, A. Massoudi, E. Diehl, Thomson R&D France (France)
7254 06	Robust efficient video fingerprinting [7254-05] M. Puri, J. Lubin, Sarnoff Corp. (United States)
7254 07	A review of video fingerprints invariant to geometric attacks [7254-07] R. Radhakrishnan, W. Jiang, C. Bauer, Dolby Labs., Inc. (United States)

STEGANOGRAPHY AND STEGANALYSIS

7254 08	The square root law of steganographic capacity for Markov covers [7254-08] T. Filler, Binghamton Univ., SUNY (United States); A. D. Ker, Oxford Univ. (United Kingdom); J. Fridrich, Binghamton Univ., SUNY (United States)
7254 09	The impact of information fusion in steganalysis on the example of audio steganalysis [7254-09] C. Kraetzer, J. Dittmann, Otto-von-Guericke Univ. of Magdeburg (Germany)
7254 0A	Feature reduction and payload location with WAM steganalysis [7254-10] A. D. Ker, I. Lubenko, Oxford Univ. (United Kingdom)
7254 0B	Model-based steganalysis using invariant features [7254-11] T.-T. Quach, Univ. of New Mexico (United States); F. Pérez-González, Univ. de Vigo (Spain); G. L. Heileman, Univ. of New Mexico (United States)
7254 0C	From blind to quantitative steganalysis [7254-12] T. Pevný, INPG, Gipsa-Lab (France); J. Fridrich, Binghamton Univ., SUNY (United States); A. D. Ker, Oxford Univ. (United Kingdom)

THEORETICAL FOUNDATIONS

- 7254 0D **Conception and limits of robust perceptual hashing: towards side information assisted hash functions** [7254-13]
S. Voloshynovskiy, O. Koval, F. Beekhof, T. Pun, Univ. of Geneva (Switzerland)
- 7254 0E **Expectation maximization decoding of Tardos probabilistic fingerprinting code** [7254-14]
A. Charpentier, F. Xie, IRISA/INRIA Rennes Research Ctr. (France); C. Fontaine, CNRS, IRISA/INRIA Rennes Research Ctr. (France); T. Furon, Thomson Security Lab. (France)
- 7254 0F **Joint detection-estimation games for sensitivity analysis attacks** [7254-15]
M. El Choubassi, P. Moulin, Univ. of Illinois (United States)
- 7254 0H **On security threats for robust perceptual hashing** [7254-17]
O. Koval, S. Voloshynovskiy, Univ. of Geneva (Switzerland); P. Bas, F. Cayre, Gipsa-Lab., INPG, CNRS (France)

MEDIA FORENSICS I

- 7254 0I **Large scale test of sensor fingerprint camera identification** [7254-18]
M. Goljan, J. Fridrich, T. Filler, Binghamton Univ., SUNY (United States)
- 7254 0J **Detection and description of geometrically transformed digital images** [7254-20]
B. Mahdian, S. Saic, Institute of Information Theory and Automation (Czech Republic)
- 7254 0K **Synthesis of color filter array pattern in digital images** [7254-21]
M. Kirchner, R. Böhme, Technische Univ. Dresden (Germany)

MEDIA FORENSICS II

- 7254 0L **Lighting analysis of diffusely illuminated tableaux in realist paintings: an application to detecting "compositing" in the portraits of Garth Herrick** [7254-23]
D. G. Stork, Ricoh Innovations (United States); M. K. Johnson, Massachusetts Institute of Technology (United States)
- 7254 0M **A study of the robustness of PRNU-based camera identification** [7254-24]
K. Rosenfeld, H. T. Sencar, New York Univ. (United States)

CRYPTOGRAPHIC TECHNIQUES FOR CONTENT PROTECTION

- 7254 0N **Robust fingerprinting codes and applications** [7254-25]
A. Kiayias, Univ. of Connecticut (United States)
- 7254 0O **Practical tracing traitors** [7254-26]
J. Lotspiech, Lotspiech.com, LLC (United States); H. Jin, IBM Almaden Research Ctr. (United States)
- 7254 0P **Next generation DRM: cryptography or forensics?** [7254-27]
A. Robert, The Walt Disney Co. (United States)

- 7254 0Q **Stream it to me! Why is it challenging?** [7254-28]
T. Scott, Netflix, Inc. (United States)
- 7254 0S **Broadcast encryption: paving the road to practical content protection systems** [7254-30]
G. Deen, D. Ponceleon, IBM Almaden Research Ctr. (United States); D. Leake, Jr., IBM T.J. Watson Research (United States)

VIDEO

- 7254 0U **Exhibition QIM-based watermarking for digital cinema** [7254-32]
P. Callau, R. Darazi, B. Macq, Univ. Catholique de Louvain (Belgium)
- 7254 0V **Digital watermarking for digital cinema** [7254-33]
S. Thiemert, M. Steinebach, H. Liu, Fraunhofer SIT (Germany)

DATA HIDING

- 7254 0W **Protocols for data hiding in pseudo-random state** [7254-34]
S. Craver, E. Li, J. Yu, Binghamton Univ., SUNY (United States)
- 7254 0X **High-capacity data hiding in text documents** [7254-35]
A. K. Mikkilineni, G. T. C. Chiu, J. P. Allebach, E. J. Delp III, Purdue Univ. (United States)

WATERMARKING

- 7254 0Y **Digital watermarking opportunities enabled by mobile media proliferation** [7254-36]
S. Modro, R. K. Sharma, Digimarc Corp. (United States)
- 7254 0Z **H.264/AVC substitution watermarking: a CAVLC example** [7254-49]
D. Zou, J. A. Bloom, THOMSON Corporate Research (United States)
- 7254 10 **Real-time application of digital watermarking to embed tactical metadata into full motion video captured from unmanned aerial systems** [7254-38]
A. Philp, GCS Research LLC (United States); B. Bradley, Consultant (United States); J. Stach, T. Rodriguez, Digimarc Corp. (United States)
- 7254 11 **Binary forensic code for multimedia signals: resisting minority collusion attacks** [7254-39]
W. S. Lin, Univ. of Maryland, College Park (United States); S. He, J. Bloom, THOMSON Corporate Research (United States)

AUTHENTICATION

- 7254 12 **Authenticating cropped and resized images using distributed source coding and expectation maximization** [7254-40]
Y.-C. Lin, D. Varodayan, B. Girod, Stanford Univ. (United States)

- 7254 13 **Random projections based item authentication** [7254-41]
S. Voloshynovskiy, O. Koval, F. Beekhof, T. Pun, Univ. of Geneva (Switzerland)
- 7254 14 **Perception-based authentication watermarking for digital audio data** [7254-42]
S. Zmudzinski, M. Steinebach, Fraunhofer Institute for Secure Information Technology (Germany)
- 7254 15 **Improvements on image authentication and recovery using distributed source coding** [7254-43]
N. Khanna, Purdue Univ. (United States); A. Roca, Univ. Politecnica de Valencia (Spain); G. T. C. Chiu, J. P. Allebach, E. J. Delp III, Purdue Univ. (United States)

SESSION 12 MISCELLANEOUS

- 7254 16 **Nested object watermarking** [7254-44]
C. Vielhauer, Univ. of Magdeburg (Germany) and Univ. of Applied Sciences in Brandenburg (Germany); M. Schott, J. Dittmann, Univ. of Magdeburg (Germany)
- 7254 17 **High capacity color barcodes using dot orientation and color separability** [7254-45]
O. Bulan, Univ. of Rochester (United States); V. Monga, Xerox Corp. (United States); G. Sharma, Univ. of Rochester (United States)
- 7254 18 **Enabling search over encrypted multimedia databases** [7254-47]
W. Lu, A. Swaminathan, A. L. Varna, M. Wu, Univ. of Maryland, College Park (United States)
- 7254 19 **RF device forensics using passband filter analysis** [7254-48]
D. King-Smith, A. K. Mikkilineni, S. Gelfand, E. J. Delp III, Purdue Univ. (United States)

Author Index

Conference Committee

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Husrev Taha Sencar, TOBB University of Economics and Technology (Turkey)

Session Chairs

- 1 **Media Fingerprinting**
Regunathan Radhakrishnan, Dolby Laboratories, Inc. (United States)

- 2 Steganography and Steganalysis
Andrew D. Ker, University of Oxford (United Kingdom)
- 3 Theoretical Foundations
Ton Kalker, Hewlett-Packard Laboratories (United States)
- 4 Media Forensics I
Jessica Fridrich, Binghamton University, SUNY (United States)
- 5 Media Forensics II
Chad D. Heitzner, Air Force Research Laboratory (United States)
- 6 Cryptographic Techniques for Content Protection
Dulce B. Ponceleon, IBM Almaden Research Center (United States)
- 7 Video
Benoît Macq, Université Catholique de Louvain (Belgium)
- 8 Data Hiding
Scott A. Craver, Binghamton University, SUNY (United States)
- 9 Watermarking
Adnan M. Alattar, Digimarc Corporation (United States)
- 10 Authentication
Gaurav Sharma, University of Rochester (United States)
- 11 Miscellaneous
Jeffrey A. Bloom, THOMSON Corporate Research (United States)

Introduction

It is our pleasure to bring to you the papers presented at the eleventh Media Security and Forensics Conference. This year, after discussion and feedback from the program committee, we changed the name of the conference from "Security, Steganography, and Watermarking of Multimedia Contents" to Media Security and Forensics. We think the new name is more succinct and better reflects the broader scope that the conference has acquired over the years and will also serve us well as we continue to expand in the future. As usual we had a good number of quality submissions and unfortunately could not accommodate all the papers in the conference.

The goal of the conference, as always, was to provide a forum for the discussion of issues in multimedia security. We had papers that addressed protecting audio, image, and video content, along with many interesting papers in cryptography and applications.

The highlight of this year's conference was the three special sessions that were very well received by one and all. The special sessions and their organizers were:

1. Media Fingerprinting by Regunathan Radhakrishnan, Dolby Labs., Inc.
2. Cryptographic Techniques for Content Protection, Dulce B. Ponceleon, IBM Almaden Research Ctr.
3. Watermarking by Adnan M. Alattar, Digimarc Corp and Jeffrey A. Bloom, THOMSON Corporate Research.

We would like to thank Regu, Dulce, Adnan and Jeffrey for an outstanding job.

A second novel feature of this year was the Digital Watermarking Best Paper Award 2009 sponsored by the Digital Watermarking Alliance.

The Chair of each session of the conference nominated outstanding papers from their session(s) for this Award, which will be reviewed by the Best Paper Selection Committee. The winning paper will be publicized in the 2009 Conference Proceedings, and the Award will be presented at Media Forensics and Security XII during Electronic Imaging 2010.

The following papers were nominated, all of which you will find in these proceedings:

1. Machine-assisted editing of user generated content. Markus Cremer, Randall Cook, Gracenote, Inc. (United States)
2. The square root law of steganographic capacity for Markov covers. Tomas Filler, Binghamton Univ. (United States); Andrew D. Ker, Univ. of Oxford (United Kingdom); Jessica Fridrich, Binghamton Univ. (United States)
3. Exhibition QIM-based watermarking for digital cinema. Pilar Callau, Rony M. Darazi, Benoît Macq, Univ. Catholique de Louvain (Belgium)

4. Protocols for data hiding in pseudo-random state. Scott A. Craver, Enping Li, Jun Yu, Binghamton Univ. (United States)
5. High-capacity data hiding in text documents. Aravind K. Mikkilineni, George T. Chiu, Jan P. Allebach, Edward J. Delp, Purdue Univ. (United States)
6. Authenticating cropped and resized images using distributed source coding and expectation maximization. Yao-Chung Lin, David Varodayan, Bernd Girod, Stanford Univ. (United States)
7. Lighting analysis of diffusely illuminated tableaus in realist paintings: an application to detecting. David G. Stork, Ricoh Innovations, Inc. (United States); Micah K. Johnson, Massachusetts Institute of Technology (United States)
8. Joint detection-estimation games for sensitivity analysis attacks. Maha M. El Choubassi, Pierre Moulin, Univ. of Illinois at Urbana-Champaign (United States)
9. High capacity color barcodes using dot orientation and color separability. Orhan Bulan, Univ. of Rochester (United States); Vishal Monga, Xerox Research Ctr. (United States); Gaurav Sharma, Univ. of Rochester (United States)
10. Enabling search over encrypted multimedia databases. Wenjun Lu, Ashwin Swaminathan, Avinash L. Varna, Min Wu, Univ. of Maryland, College Park (United States)

Congratulations to the above authors for their outstanding contributions and we eagerly await the award committee's final decision.

As we say every year, we have come a long way in protecting our "digital future," but we still have a lot of work to do. We would like to thank the Program Committee for their help in reviewing the papers and their advice on the final program.

We look forward to seeing you in 2010 in San Jose!

Edward J. Delp III
Jana Dittmann
Nasir D. Memon
Ping Wah Wong