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Media Watermarking, Security, and Forensics III

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Introduction

It is our pleasure to bring to you the papers presented at the Media Watermarking, Security, and Forensics XIII Conference. This year, after discussion and feedback from the program committee, we added the term "Watermarking" to the conference name in order to acknowledge the sponsorship of the Digital Watermarking Alliance. We think the new name better reflects the scope of the conference.

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 and watermarking audio, image, and video content, along with many interesting papers on forensics and Steganalysis techniques for these types of media.

The highlight of this year's conference were the two keynote talks that were very well attended and very well received by one and all. The talks were:

1. **Signal rich art: enabling the vision of ubiquitous computing** by Bruce Davis, the CEO of Digimarc Corp. [788002]
2. **Image and video manipulation: past, present, and future** by Dan Goldman, Adobe Systems Inc. [no manuscript]

In addition to the above keynotes we also had a special presentation of the IS&T/SPIE 2010 best paper award sponsored by the Digital Watermarking Alliance (DWA), that was awarded to the paper entitled "**Minimizing embedding impact in steganography using trellis-coded quantization"** [754105], by Tomáš Filler, Jan Judas, Jessica Fridrich from Binghamton University in New York. The award was $1,500 divided equally among all authors.

The IS&T/SPIE 2011 Best Paper Award will continue to be sponsored by the Digital Watermarking Alliance and nominations for the award were solicited during the conference. 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 Media Watermarking, Security, and Forensics XIV Conference. The following papers were nominated, all of which you will find in these proceedings:

1. "Steganalysis in high dimensions: fusing classifiers built on random subspaces" by Jan Kodovský and Jessica Fridrich from Binghamton University (United States) [78800L]

2. "Re-synchronizing audio watermarking after non-linear time stretching" by Martin Steinebach and Sascha Zmudzinski from Fraunhofer-Institut für Sichere Informations-Technologie (Germany) [78800I]
3. "A new paradigm for steganalysis via clustering" by Andrew Ker from University of Oxford (United Kingdom) and Tomas Pevný from Czech Technical University in Prague (Czech Republic) [78800U]
4. "Design of adaptive steganographic schemes for digital images" by Tomáš Filler and Jessica Fridrich from Binghamton University (United States). [78800F]

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 2012 in San Francisco!

Nasir D. Memon
Jana Dittmann
Adnan Alattar
Edward J. Delp III