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Digital Watermarking

4th International Workshop, IWDW 2005
Siena, Italy, September 15-17, 2005
Proceedings

Springer

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Preface

We are delighted to welcome the attendees of the Fourth International Workshop on Digital Watermarking (IWDW). Watermarking continues to generate strong academic interest. Commercialization of the technology is proceeding at a steady pace. We have seen watermarking adopted for DVD audio. Fingerprinting technology was successfully used to determine the source of pirated video material. Furthermore, a number of companies are using watermarking as an enabling technology for broadcast monitoring services. Watermarking of digital cinema content is anticipated. Future applications may also come from areas unrelated to digital rights management. For example, the use of watermarking to enhance legacy broadcast and communication systems is now being considered. IWDW 2005 offers an opportunity to reflect upon the state of the art in digital watermarking as well as discuss directions for future research and applications.

This year we accepted 31 papers from 74 submissions. This 42% acceptance rate indicates our commitment to ensuring a very high quality conference. We thank the members of the Technical Program Committee for making this possible by their timely and insightful reviews. Thanks to their hard work this is the first IWDW at which the final proceedings are available to the participants at the time of the workshop as a Springer LNCS publication.

This year's program reflects all the major interests of the watermarking community. The accepted papers cover a full range of topics, including robust and fragile watermarking, steganography and steganalysis, security and attacks, and fingerprinting and benchmarking. These papers address the theoretical and practical issues that we felt to be of broad interest to our community. Moreover, this year we will also have a very relevant special session on foundational and practical aspects of watermarking security.

Finally, this year's workshop is special since it is the first installment of IWDW to be held outside of Korea. It is our aim that future IWDW workshops will rotate between locations in Asia, Europe and the Americas. We hope you will find the workshop useful and enjoyable, and we look forward to meeting you again in the context of IWDW.

Welcome to IWDW 2005 in Siena!

July 2005

Ingemar Cox
Ton Kalker
Hyoung Joong Kim
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