

6th International Workshop on Digital Watermarking (IWDW2007)

3-5 December, 2007, Guangzhou, China



Introduction

IWDW 2007 is the sixth of a series of international workshops focusing on digital watermarking and relevant techniques. It will provide an excellent opportunity for researchers and practitioners to present as well as to keep abreast with the latest developments in watermarking technologies. We are pleased to invite you to submit papers to and attend IWDW 2007. Since the middle of the last decade, digital watermarking has become a vigorously growing research area. The early work on digital watermarking was characterized by the development of a plethora of watermarking algorithms and attacks against them. The theoretical foundations of watermarking have since then been advanced rapidly, resulting in improved watermarking algorithms as well as more accurate models of the channel capacity and error rates. However, digital watermarking research still faces many challenges. In addition, new research directions such as data forensics and authentication enable new types of application scenarios. IWDW 2007 aims to provide a high quality forum for dissemination of research results. Also, a Best Paper Prize and a Best Student Paper Prize will be awarded to selected papers.

Areas of Interests

Areas of interest include, but are not limited to:

- Mathematical modeling of watermark embedding and detection
- Information theoretic and stochastic aspects of data hiding
- Security issues, including attack modeling and counter-attacks
- Combination of data hiding and cryptography, and its applications
- Optimum watermark detection and Reliable watermark recovery
- Estimation of watermark capacity
- Channel coding techniques for watermarking
- Bounds on error probability
- Large-scale experimental tests and benchmarking
- New statistical and perceptual models of content
- Reversible data hiding
- Data hiding in special media
- Data hiding and authentication
- Steganography and steganalysis
- Data forensics
- Copyright protection and DRM

Instructions to Authors

Interested parties are invited to submit papers related to the areas of interest above. Claims must be backed by evidence in the paper and authors should be prepared to publicly discuss them at the workshop. Assumptions about the model should be stated and justified clearly. Submissions must be made electronically, preferably as a PDF file of no more than 15 pages. Please submit your manuscripts written in English to the official website given below in this column. The templates for the submission can be found at <http://www.springer.de/comp/lncs/authors.html>. All submissions will be refereed by at least three reviewers.

Accepted papers will be published by Springer-Verlag in the **Lecture Notes in Computer Science** series in the same way as the previous proceedings. To be included to the proceedings, at least one author of each paper should register and present the paper.

Important Dates

Paper submission (max 15 pages): **15 June, 2007**
Notification of acceptance: **1 August, 2007**
Camera-ready paper submission: **1 September, 2007**
Conference dates: **3-5 December, 2007**

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Official Websites

<http://www.iwdw.org>
<http://ist.sysu.edu.cn/iwdw2007/iwdw2007.asp>

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