# IWDW 2020

## 19th International Workshop on Digital-forensics and Watermarking
### Melbourne, Australia  25-27 Nov. 2020

## CALL FOR PAPERS

## IMPORTANT DATES

**Paper Submission Deadline:**
28 August 2020
**Notification of Acceptance:**
28 September 2020
**Submission of Camera-Ready Versions:**
28 October 2020

## TOPICS OF INTEREST

The topics of interest include, but are not limited to

- Authentication, copyright protection, DRM, and forensics watermarking
- Channel coding techniques for watermarking
- Convolutional neural networks (CNN) and deep learning for multimedia security
- Combination of data hiding and cryptography
- Fake multimedia forensics and anti-forensics
- AI generated multimedia and detection of them
- Information theoretic, stochastic and capacity aspects of data hiding
- Large-scale experimental tests and benchmarking
- Deepfake videos and detection of them
- Statistical and perceptual models of multimedia content for multimedia security
- Reversible data hiding
- Robust perceptual hashing
- Security issues in multimedia protection, including attacks and counter-attacks
- Steganography and steganalysis
- Source identification
- Visual cryptography and secret image sharing

## INSTRUCTIONS FOR AUTHORS

Submissions must be made as a PDF file of no more than 15 pages. Please submit your manuscripts written in English. The templates are available at http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0. All submissions will be subjected to double-blind peer review by at least 2 reviewers. Author names should not appear in the manuscripts. To be included to the proceedings, at least 1 author of each paper should register and present the paper.

## COMMITTEES

### GENERAL CHAIRS
*Yun-Qing Shi* (NJIT, USA)
*Yang Xiang* (SUT, Australia)

### TECHNICAL PROGRAM CHAIRS
*Xianfeng Zhao* (CAS, China)
*Hyoung Joon Kim* (Korea Univ., Korea)
*Alessandro Piva* (Univ. of Florence, Italy)

## CONTACTS

**Local Arrangement:**
*Prof. Yang Xiang*, yxiang@swin.edu.au
**Paper Submission:**
*Dr. Hong Zhang*, zhanghong@iie.ac.cn
**Website:** http://www.iwdw.site

## INTRODUCTION

The 19th International Workshop on Digital-forensics and Watermarking (IWDW 2020) is a premier forum for researchers and practitioners working on novel researches, developments and applications of digital watermarking and forensics techniques for multimedia security. We invite submissions of high-quality original research papers. Each submitted paper will be reviewed by at least 2 reviewers. Two prizes are to be awarded to the best paper and the best student paper, respectively. The proceedings of IWDW 2020 will be published on the Lecture Notes in Computer Science (LNCS) by Springer.

## SPECIAL SESSIONS

Special session proposals are invited to IWDW 2020, and inquiries regarding your submission should be directed to *Prof. Yang Xiang* (yxiang@swin.edu.au) or *Prof. Xianfeng Zhao* (zhaoxianfeng@iie.ac.cn). The proposal needs to be submitted by 1 July 2020.

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