



# 20<sup>th</sup> International Workshop on Digital-forensics and Watermarking Beijing, China 20-22 Nov. 2021

## CALL FOR PAPERS

### INSTRUCTIONS FOR AUTHORS

Submissions must be written in English and made a PDF file of no more than 15 pages. All submissions will be subjected to double-blind peer review. Author names and affiliations should not appear in manuscripts. To be included to the proceedings, which will be published on LNCS by Springer, at least 1 author of each paper should register and present the paper. The template is available at <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>.

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#### Paper Submission:

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### INTRODUCTION

The 20<sup>th</sup> International Workshop on Digital-forensics and Watermarking (IWDW 2021) is a premier forum for researchers and practitioners working on novel researches, developments and applications of watermarking and forensics techniques for multimedia security. We invite submissions of high-quality original papers. Two prizes are to be awarded to the best paper and the best student paper, respectively. Due to the ongoing COVID-19 pandemic, IWDW 2021 is going to be held as a hybrid conference. Attendees from the Chinese mainland are requested to attend the conference, and the ones from other countries/regions who are unable to make a physical presence can attend it virtually.



### SPECIAL SESSIONS

Special session proposals are welcome. The proposals and inquiries should be directed to *Dr. Hong Zhang* ([zhanghong@iie.ac.cn](mailto:zhanghong@iie.ac.cn)) by 1 August 2021.

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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 (steganology)
- ◆ Theoretical steganology
- ◆ Media source forensics and identification

### IMPORTANT DATES

#### Paper Submission Deadline:

20 September 2021

#### Notification of Acceptance:

18 October 2021

#### Submission of Camera-Ready Versions:

10 November 2021

### TOPICS OF INTEREST