



Call for Special Session Papers

IWDW 2018

Oct. 22 - 24, 2018

Masison Glad Hotel Jeju, Korea

17th International Workshop on Digital Forensics and Watermarking (IWDW 2018)

Oct. 22 - 24, 2018 / Masison Glad Hotel Jeju, Korea

• Introduction

The 17th IWDW 2018 will be held Oct. 22 -24, 2018, in Jeju (<http://www.visitjeju.net/en>), Korea. For over a decade, IWDW has been a premier event for researchers and practitioners working on digital watermarking and forensic for multi-media security.

We invite submissions of high-quality original research papers. The proceedings of IWDW 2018 will be published as Lecture Notes in Computer Science (LNCS) by Springer.

• Location & Venue

This year, IWDW will be held at the "Masison Glad hotel" (<https://ora.oraresort.com/eng/GRD/>), Jeju island , which is close to the Jeju International Airport. Jeju Island is a special self-governing province and visitors from 180 countries are allowed to enter the island without a visa. On an annual basis, it has over 10 million tourists, and it would be nice to have you at workshop.

• Contacts

Website: www.iwdw2018.org

Email: local.iwdw2018@gmail.com

• Special Session

Deep Generative Models for Forgery and Its Detection

Recent years has seen an escalating interest in deep generative models (DGMs) such as VAEs, GANs, GMMNs, auto-regressive neural networks, and many of their variants and extensions. Impressive results across various media including image, text and video generation have eroded our confidence in the integrity of these data. The field of digital forensic needs to restore our confidence in trusting digital data.

Data forgery based on deep generative models is a generally an unexplored area, and current and future capabilities of DGMs relative to robust detection algorithm must be studied. Dissemination of forged data can lead to catastrophic consequences.

This special session aims to be a platform for exchanging ideas regarding both theoretical foundations for determining the capability of DGMs, and identifying key challenges in detecting forged generated data that includes text as well as image. The session hopes to establish exciting future directions in research regarding data forgery with DGMs and its detection.

Important Dates

Submission date: Oct 16, 2018

Notification of acceptance will be done privately.

• Introduction to Authors

Submissions must be in English and made as a PDF file of no more than 15 pages. Templates are available at <http://www.springer.de/comp/lncs/au-thors.html>. Submissions will be refereed by at least two review-ers. To be included to the proceedings, at least one author of each paper has to register and present the paper. The submission will be done via Easy-Chair system: <https://easychair.org/conferences/?-conf=iwdw2018>

• Committee Members

- General Chair: Chang Dong Yoo (KAIST)
- Technical Program Chairs: Yun Q. Shi (New Jersey Institute of Technology), Hyoung Joon Kim (Korea University), Alessandro Piva (University of Florence)
- Local Arrangement Chair: Gwangsu Kim (KAIST)

• Technical Program Committee

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