

IWBF 2020

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CALL FOR PAPERS

8TH INTERNATIONAL WORKSHOP ON BIOMETRICS AND FORENSICS
APRIL 29-30, 2020 | PORTO, PORTUGAL

IWBF is an international forum devoted to facilitating synergies in research and development among the areas of **multimedia forensics**, **forensic biometrics**, and **forensic science**. This workshop provides the meeting place for those concerned with the use of advanced biometric technologies in forensic applications, attracting participants from industry, research, academia, and end-users.

Important Dates

Full Papers Submission Deadline*: **February 15, 2020**

***Abstract** Submission Deadline: January 10, 2020

Keynote speakers:

Peter Eisert, Humboldt University Berlin & Fraunhofer HHI Berlin [IAPR Invited Keynote Speaker]

Zeno Geradts, Netherlands Forensic Institute & University of Amsterdam

Topics of interest include, but are not limited to:

- Multimedia forensics including identification of source devices and source-oriented image clustering
- Integrity verification and authentication of digital content
- Watermarking schemes for ownership identification, ownership proof and copy control
- Forensic behavioural biometrics
- People identification based on face, iris, fingerprint and soft biometric traits
- Biometric analysis of crime scene traces and their forensic interpretation
- Combination of multimodal biometrics with other forensic evidence
- Biometric-based cybercrime investigation
- Video surveillance for age, gender and abnormal behaviour/event detection
- Biometric and non-biometric data de-identification
- Resilience of biometric systems to attacks based on spoofed/morphed biometric data
- Detection and mitigation of adversarial attacks on biometric systems
- Explainable AI in biometric recognition and presentation attack detection
- Ethical and societal implications of emerging forensics biometrics
- Emerging threats on biometrics such as Deepfake attacks and detection methods
- Large-scale deployment of biometric recognition systems
- Case studies of the afore-mentioned topics

Paper Submission

Prospective authors are invited to submit original and unpublished work, in English, with up to 6 pages, PDF format, IEEE conference style, including results, figures and references.

Papers accepted to this workshop will be included in the [IEEE Xplore Digital Library](#).

Authors of the best papers will be invited to publish extended versions in a [special issue in IEEE T-BIOM](#) and the best paper will be awarded with a monetary prize - "[Computers Journal Best Paper Award](#)".

For more information visit vcmi.inesctec.pt/iwbf2020

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