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
Submission Deadline: February 15, 2020
Decision Notification: March 05, 2020
Conference: 29-30 April 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Prospective authors are invited to submit original and unpublished work, in English, with up to 6 pages, PDF format, IEEE conference style, including results, figures and references.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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