

## Special Issue

# Advances in Biometrics: Sensors, Algorithms, and Systems

### Message from the Guest Editors

This Special Issue focuses on recent advances in biometrics, including new sensing technologies and biometric modalities, feature retrieval and recognition algorithms, multi-modality fusion, the security and privacy mechanisms, and novel applications of biometric systems in various scenarios such as IoT and bio-cryptosystems. We welcome studies on traditional biometrics based on 2D fingerprint, face, hand geometry, iris, voice, gait, signature, as well as emerging biometrics using 3D fingerprint, 3D face, brain signals, heart signals, and new physical, physiological, and behavioral characteristics. New sensing technologies and security mechanisms that expand and enhance biometric systems are also welcome. Topics of interest include, but are not limited to, the following methods:

- Sensing technologies for biometrics;
- Machine learning for biometrics;
- Biometric feature retrieval and recognition;
- Multi-modal fusion;
- Security mechanisms for biometric systems;
- Anti-spoof technologies in biometrics;
- Innovative applications of biometrics;
- Bio-cryptographic systems;
- Biometrics in IoT applications.

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### Guest Editors

Dr. Min Wang

Dr. Xuefei Yin

Dr. Yanming Zhu

Prof. Dr. Jiankun Hu

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### Deadline for manuscript submissions

closed (30 April 2023)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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