

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.

Guest Editors

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Deadline for manuscript submissions

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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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