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Advances in Biometrics: Sensors, Algorithms, and Systems

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submissions:

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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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Special Issue



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Message from the Editor-in-Chief

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