Sensor Technologies and Intelligent Computing for Biometric Signal Analysis and Pattern Recognition

Guest Editors:

Dr. Min Wang
School of Systems and Computing, University of New South Wales, Canberra, ACT 2612, Australia

Dr. Raul Fernandez Rojas
School of Information Technology and Systems, University of Canberra, Canberra, ACT 2617, Australia

Dr. Essam Debie
School of Systems and Computing, University of New South Wales, Canberra, ACT 2612, Australia

Deadline for manuscript submissions:
15 January 2025

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to compile cutting-edge research in the interdisciplinary domains of sensor technologies, intelligent computing, and biometric signal analysis, with a specific focus on the advancement of pattern recognition methodologies. The proliferation of sensor technologies has empowered the acquisition of diverse and intricate biometric signals, opening avenues for innovative approaches to pattern recognition using intelligent computing techniques.

Topics of interest include, but are not limited to, the following methods:

- Sensor and sensing technologies for biometrics;
- Face, fingerprint, hand, iris, brain, and other emerging biometrics;
- Behavioral and physiological signal-based biometrics;
- Multimodal biometrics;
- IoT and wearable Sensors;
- Biometric data/signal analysis;
- Computational methods in feature extraction and recognition;
- Machine learning for biometrics;
- Deepfake and Anti-Deepfake methods;
- Privacy and security.

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.
Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us