Special Issue

Biometrics Recognition Based on Sensor Technology

Message from the Guest Editors

Biometric recognition is about identifying a person based on his/her biological or behavioral characteristics. Recently, due to the rise of the trend of zero trust principle in cybersecurity system and the FIDO alliance, biometric recognition is becoming a very important factor in the chain of user authentication mechanism. In this special issue, we would like to focus on the biometric technology based on various sensors. Topics such as biometrics using 2D images, NIR images, 3D point cloud, or with time varying signals like ECG or PPG are highly welcomed. Potential topics include but are not limited to the following:

- Biometric recognition, like face, fingerprint, iris, voice ... etc.
- Biometric recognition with 3D point cloud.
- Biometric recognition with NIR images
- Biometric recognition with biomedical signals (like ECG, EEG, PPG ... etc.)
- Biometric recognition with behavioral characteristics
- Biometric recognition on mobile device (by utilizing various sensors on mobile device)
- Biometric recognition on intelligent vehicle
- Biometric recognition in metaverse environment
- Deepfake or Anti-Deepfake methods

Guest Editors

Dr. Yung-Hui Li

Prof. Dr. Wen-Huang Cheng

Dr. Ching-Chun Huang

Dr. Hong-Han Shuai

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.

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

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