

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

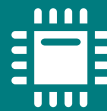
Prof. Dr. Wen-Huang Cheng

Dr. Ching-Chun Huang

Dr. Hong-Han Shuai

Deadline for manuscript submissions

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Sensors
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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