Sensor-Based Biometrics Recognition and Processing

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Message from the Guest Editors

In this Special Issue, all issues related to sensors can be addressed regarding their use for biometrics-based authentication/identification purposes. In addition to new biometrics sensors, topics such as pre-processing, (signal or image) quality enhancement, and performance improvement through multi-sensor data fusion or multi-data fusion from single sensors for human data acquired through the sensor can be considered. In addition, topics such as anti-spoofing and new databases considering various sensor variations can also be considered. New neural network models or matching methods for biometrics can also be proposed. Biometrics methods that are robust to limited information and occlusion issues in the COVID-19 pandemic are also a welcome topic.

- biometrics sensors；
- image/signal pre-processing for biometrics；
- image/signal enhancement for biometrics；
- multi-sensor data fusion；
- multi-data fusion from single sensors；
- biometrics anti-spoofing considering sensor characteristics；
- new biometrics databases considering various sensor variations；
- new neural network models/matching algorithms；
- new methods robust to limited information/occlusion issues

Special Issue

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Message from the Editor-in-Chief

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