



Biometric Sensors and Applications

Guest Editor:

Dr. Javier Galbally

European Commission - DG Joint
Research Centre, Ispra, Italy
javier.galbally@ec.europa.eu

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Message from the Guest Editor

We are all well aware that, in biometrics, the success or failure of a given operation is largely determined by the first step of whole processing chain: acquisition. In this regard, sensors used to capture the physical reality of natural biometric characteristics and translate it into the digital domain play a pivotal role in the accomplishment of final goal. Therefore, one of the key factors that determines biometric quality and biometric accuracy is how precisely the sensor is able to capture the source. This Special Issue "Biometric Sensors and Applications" is specifically dedicated to publishing innovative studies focused on the exploitation of new sensing technologies in the field of biometrics and also to the use of sensors to address new biometric applications and challenges. Topics include but not limit to:

- new sensors in any biometric characteristic
- wearable sensors applied to biometrics
- sensors for presentation attack detection (PAD)
- sensor interoperability studies
- sensing solutions for biometrics at a distance
- biometric sensing solutions for border crossings
- sensor operation on mobile devices
- biometric use of pervasive sensors and multimodal acquisition





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Sensors
MDPI, St. Alban-Anlage 66
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