

## Special Issue

# Smartphone-Based Sensors for Biometric Authentication

### Message from the Guest Editor

Mobile devices are becoming increasingly sophisticated and now incorporate many diverse and powerful sensors. The latest generation of smart phones is especially laden with sensors, including GPS sensors, vision sensors (cameras), audio sensors (microphones), light sensors, temperature sensors, direction sensors (compasses), and acceleration sensors. “Smart” mobile devices have substantial computing power, ability to send and receive data, and nearly ubiquitous use in our daily life. Biometric authentications (such as fingerprint scanning, retina scanning, or face detection) provide improved reliability and usability because, unlike conventional methods, they do not require passwords that need to be remembered. The scope of this Special Issue includes, but is not limited to, the following topics:

- novel authentication algorithms and modalities
- data security and policy
- usability and accessibility
- performance assessment
- mobile biometric deployment
- biometric systems performance
- new sensors for biometric data acquisition

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### Guest Editor

Dr. Raul Sanchez-Reillo

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### Deadline for manuscript submissions

closed (30 November 2020)



## Sensors

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*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.

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