

Special Issue

RFID and NFC in Secure IoT Scenarios and Applications

Message from the Guest Editors

Short-range wireless communications are considered one of the pillars of the Internet of Things (IoT). Among the different technologies considered as short range, near field communication (NFC) and radio-frequency identification (RFID), both active and passive, are widely accepted as the most extended techniques for the realization of IoT applications by the end user. Together, they are complementing each other to provide connectivity. RFID is commonly used to automatize inventory in the retail sector whereas NFC can provide this information to ease purchasing processes. One of the objectives of this Special Issue is to provide a vision of the current situation of proximity solutions. The adoption rate and capabilities are different but, in many cases, a mix of technologies will be the best option. - Risk assessment in IoT - Information Security management in IoT - Trusted Identities, data and infrastructures - Privacy and confidentiality - Product traceability and safety - Forensic data analytics in IoT devices - Early intrusion detection - Monitoring of infrastructures - Open source/low-cost hardware and applications

Guest Editors

Dr. Carlos Dafonte

CITIC - Department of Computer Science, University of A Coruña (Spain)

Prof. Dr. Ana Fernández-Vilas

I&C Lab. AtlanTTic Research Centre, University of Vigo, 36310 Vigo, Spain

Deadline for manuscript submissions

closed (31 October 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/22305

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)