



an Open Access Journal by MDPI

## Emerging Applications in RFID and IoTs

Guest Editors:

**Prof. Dr. Dave Parry**

Dept. of Computer Science,  
School of Engineering, Computer  
and Mathematical Sciences,  
Auckland University of  
Technology, Auckland 1142, New  
Zealand

**Dr. Samaneh Madanian**

Department of Computer Science  
and Software Engineering,  
Auckland University of  
Technology, Auckland 1010, New  
Zealand

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

Dear Colleagues,

Low-cost and ubiquitous sensor devices have the potential to have a major impact on the delivery of healthcare. As prices continue to fall and network connectivity becomes ubiquitous, the range of uses for smart, small, and cheap sensors is increasing dramatically. Together with cloud computing and advanced analytics and machine learning, the data collected from these devices can now give wider insights into activity and potential issues and inefficiencies. Challenges include privacy and security of data, reliability of tags and readers, the cost of wide deployment, data and communication standards, and the need to change workflow to use the information effectively.

Papers are sought on a number of topics, including but not limited to:

- Use of RFID and IoT Data for clinical benefit;
- Data formats and communication standards;
- Integration of RFID and IoT into existing systems;
- RFID and IoT in low resource healthcare environments;
- Privacy, security, and safety issues;
- Data analysis and use from IoT and RFID in clinical settings;
- Sensors for monitoring health status.



[mdpi.com/si/33730](https://mdpi.com/si/33730)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

## 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), CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

## Contact Us

---

Electronics Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://x.com/electronicsMDPI)