



## Safety, Efficiency, and Reliability of Connected Smart Sensor Systems

Guest Editor:

**Dr. Myounggyu Won**

Department of Computer  
Science, University of Memphis,  
Memphis, TN 38152, USA

Deadline for manuscript  
submissions:

**closed (28 February 2022)**

### Message from the Guest Editor

The aim of this Special Issue is to gather the latest contributions from academia and industry focused on addressing these key challenges for improving the safety, security, efficiency, and reliability of connected smart sensor systems. Review papers on emerging technologies and applications of novel connected smart sensor systems are welcome. The topics of interest include but are not limited to the following:

- Network protocols for connected smart sensor systems;
- Security, robustness, and reliability of connected smart sensor systems;
- Energy efficiency for connected smart sensor systems;
- Foundations and theory for connected smart sensor systems;
- Edge and fog computing for connected smart sensor systems;
- Embedded system architecture for connected smart sensor systems;
- Deployment experiences;
- Test-bed development experiences;
- Machine learning analytics for connected smart sensor systems;
- Big data management for connected smart sensor systems;
- Data mining for connected smart sensor systems;
- Human-in-the-loop aspects of connected smart sensor systems;





# electro

IMPACT  
FACTOR  
2.6

CITESCORE  
5.3

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, Ei Compendex and other databases.

**Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

## Contact Us

---

Electronics Editorial Office  
MDPI, Grosspeteranlage 5  
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://twitter.com/electronicsMDPI)