



an Open Access Journal by MDPI

## Control Applications and Learning

Guest Editors:

**Prof. Dr. Jong-Myon Kim**

School of IT Convergence,  
University of Ulsan, Ulsan 4402,  
Republic of Korea

**Prof. Dr. Hyeung-Sik Choi**

Division of Mechanical  
Engineering, Korea Maritime and  
Ocean University, Busan 49112,  
Republic of Korea

**Dr. Farzin Piltan**

Ulsan Industrial Artificial  
Intelligence (UIAI) Lab,  
Department of Electrical,  
Electronics and Computer  
Engineering, University of Ulsan,  
Ulsan, Korea

Deadline for manuscript  
submissions:

**closed (28 February 2022)**

### Message from the Guest Editors

This Special Issue will focus on control, modeling, various machine learning techniques, fault diagnosis, and fault-tolerant control for systems. Papers specifically addressing the theoretical, experimental, practical, and technological aspects of modeling, control, fault diagnosis, and fault-tolerant control of various systems and extending concepts and methodologies from classical techniques to hybrid methods will be highly suitable for this Special Issue. Potential themes include, but are not limited to:

- Modeling and identification
- Adaptive and hybrid control
- Adaptive and hybrid observers
- Reinforcement learning for control
- Data-driven control
- Fault diagnosis
- Fault-tolerant control of systems based on various control and learning techniques



[mdpi.com/si/55849](https://mdpi.com/si/55849)



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://x.com/electronicsMDPI)