

Special Issue

Industrial Process Control and Flexible Manufacturing Systems

Message from the Guest Editor

Process control and flexible manufacturing technologies are an important means to improve the safety, stability, and reliability of industrial process operation, and are the key entry points and innovation powers to promote industrial intelligent manufacturing and improve quality and efficiency. The purpose of proposing this Special Issue is to further develop the process control and flexible manufacturing theory and simultaneously extend its applications. Researchers working in this field are encouraged to share the latest results on both theory and applications in related fields. The topics of interest include, but are not limited to, the following:

- process monitoring
- fault diagnosis
- soft sensing modeling
- process data analysis and modeling
- industrial process management and decision
- intelligent manufacturing
- optimization and production scheduling
- fault-tolerant control
- self-healing control

Guest Editor

Dr. Liang Ma

School of Automation and Electrical Engineering, University of Science and Technology Beijing, Beijing 100083, China

Deadline for manuscript submissions

15 October 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/228814

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).