

Special Issue

Microsystems and Nano Satellites

Message from the Guest Editors

Contemporary micro/nano-satellite technology has developed rapidly all over the world. These have advantages of small mass, low cost, short development cycle, fast technology update, and flexible application modes. The key technologies include micro/nanomaterials, microelectronic manufacturing, micromachining and various special spacecraft systems, including communication systems, attitude control modules, battery modules, propulsion systems, computing storage units, payloads, etc. Accordingly, this Special Issue focuses on the following aspects, although the list is not exhaustive:

- Microsystem technology;
- Microelectronic technology;
- Micro intelligent systems;
- Micro/nano-sensors;
- Micro control systems;
- Micro propulsion systems;
- Micro/nano-satellite technology
- Micro/nano fabrication;
- Micro/nano testing;
- Micro electromechanical system (MEMS);
- Micro/nano-photonics;
- Precision measurement method;
- Optoelectronic system design;
- On board computing system;
- Multi-sensor fusion;
- Satellite formation and networking.

Guest Editors

Prof. Dr. Fei Xing

Department of Precision Instrument, Tsinghua University, Beijing 100084, China

Dr. Ting Sun

School of Instrument Science and Opto-Electronics Engineering, Beijing Information Science and Technology University, Beijing 100192, China

Deadline for manuscript submissions

closed (10 February 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/114898

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), CAPus /
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).