



## Autonomous Navigation of Unmanned Maritime Vehicles

Guest Editors:

**Dr. Dongdong Mu**

College of Marine Electrical  
Engineering, Dalian Maritime  
University, Dalian 116026, China

**Dr. Xiaojie Sun**

College of Information  
Engineering, Henan University of  
Science and Technology,  
Luoyang 471000, China

**Dr. Cunhe Li**

School of Electrical and  
Electronic Engineering,  
Shandong University of  
Technology, Zibo 256600, China

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to address issues involved in the analysis, design, and implementation of Autonomous Navigation of Unmanned Maritime Vehicles. This includes:

1. Intelligent agents and multi-agent systems;
2. Intelligent control of ships and ocean vehicles;
3. Intelligent perception and autonomous control of unmanned systems;
4. Multi-agent systems and intelligent transportation network control;
5. Intelligent control and detection technology;
6. Autonomous navigation control of surface or underwater vehicles;
7. Nonlinear control;
8. Unmanned systems;
9. Autonomous control of robots;
10. Information collection of ships or unmanned craft;
11. Ship or unmanned craft control technology;
12. Image processing techniques;
13. Field verification of unmanned systems;
14. Development trend of unmanned systems in the future.





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 \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), [Ei Compendex](#) and [other databases](#).

**Journal Rank:** JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic 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](#)