

Special Issue

Robotic Sailing and Support Technologies

Message from the Guest Editors

This Special Issue is centered on robotic sailing and support technologies and invites the submission of research articles in the following topics:

- Naval architecture of autonomous vessels: new designs and advanced materials;
- Modelling, simulation, control, and stability analysis;
- Sensors and actuators for autonomous sailboats;
- Embedded control and system architectures for autonomous sailing;
- Collision avoidance, boat-to-boat communication;
- Route planning, navigation, and optimization;
- Machine learning and self-tuning control algorithms for autonomous sailboats;
- Long term autonomy in robotic sailing;
- Energy and power management;
- Field applications of autonomous sailing robots;
- Robotic boats in teaching and education;
- Legal issues for autonomous vessels.

Guest Editors

Dr. Antonio Carlos Domínguez Brito

Instituto Universitario SIANI. Universidad de Las Palmas de Gran Canaria

Dr. Colin Sauze

Aberystwyth University, Wales, United Kingdom

Prof. Dr. José Carlos Alves

Faculdade de Engenharia da Universidade do Porto, Porto, Portugal

Deadline for manuscript submissions

closed (31 December 2021)



Applied Sciences

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

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[applsci](https://doi.org/10.3390/applsci)





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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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