



Sensors and Measurement Systems for Marine Engineering Applications

Guest Editor:

Dr. Dimitrios-Nikolaos Pagonis

Department of Naval
Architecture, Faculty of
Engineering, University of West
Attica, 122 43 Athens, Greece

D.N.Pagonis@uniwa.gr

Deadline for manuscript
submissions:

31 May 2021

Message from the Guest Editor

The proper operation of any modern vessel relies heavily on the information provided by the onboard measuring devices that quantify critical performance parameters.

This Special Issue of Applied Sciences aims to target this challenging and emerging field where advanced measuring devices and novel measurement systems meet marine technology. Researchers are invited to submit unpublished research work related to the design and development of novel sensors/microsensors with the ability to be employed on a modern vessel, together with novel measurement systems and methods.

Original research or review articles addressing areas that are complementary but closely related to the above, such as vessel automation systems employing novel sensing devices/methods or detection systems for safety and security, are also welcomed for publication.





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Keywords

- Physical sensors
- Chemical sensors
- MEMs
- Sensor technology and application
- Sensor interface
- Sensor networks
- Novel measurement systems and methods
- Automation systems employing novel sensing devices and techniques
- Measurement of critical parameters in processes such as propulsion systems, navigation systems, and maritime communications
- Condition monitoring
- Detection systems for safety and security

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