



an Open Access Journal by MDPI

Smart Shipbuilding and Marine Production Technologies

Guest Editors:

Prof. Dr. Jang Hyun Lee

Department of Naval
Architecture and Ocean
Engineering, INHA University,
Incheon 22212, Korea

Prof. Dr. Soon Sup Lee

Department of Naval
Architecture and Ocean
Engineering, Gyeongsang
National University, 2,
Gyeongsang Nam-Do 53064,
Korea

Message from the Guest Editors

In recent years, smart manufacturing technology based on artificial intelligence and big data analysis has grown tremendously in all industries. The development of smart manufacturing technology requires a new transformation of traditional shipbuilding and offshore production technology based on traditional production methods. Indeed, smart manufacturing technology will present opportunities for the growth of the shipbuilding industry. However, this trend introduces new challenges in terms of smart manufacturing technology and system integration suitable for the shipbuilding and offshore industries.

Keywords

- machine learning and big data analysis applied to shipbuilding
- digital twin
- anomaly detection
- smart process planning and simulation

Deadline for manuscript
submissions:

closed (31 October 2022)



mdpi.com/si/67390



an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)