

Special Issue

Smart Shipbuilding and Marine Production Technologies

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

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Deadline for manuscript submissions

closed (31 October 2022)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/67390

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