Special Issue

Advanced Technology on Control of Maritime Hybrid and Electric Vessels

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modelling, application, control, routeing and energy optimization of all types of wind-powered, hybrid and electric maritime vessels. Topics of interest include, but are not limited to: All aspects of electric motor/generator technologies for maritime vessels; Energy conversion systems; Online and offline condition monitoring techniques; Optimal design methodologies; Advanced modelling approaches; Control of ship's motion; Energy efficient navigation; Weather routeing; Application of wind powered, nuclear, hybrid and electric drives in conventional, autonomous and remotely controlled ships; Issues of green shipping; Power consumption and effectiveness of ships' drives.

Guest Editors

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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