



Hydrodynamic Performances of Planing and Foiling Craft

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Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editors

Dear Colleagues,

Hydrodynamic lift has been widely used since low structural weight and light and powerful engines became available in the marine field. Passenger, military, working, and pleasure craft have overcome wave resistance constraints through a dynamic interaction with water flow. This principle results in exciting performances and new applications in the marine field. Nevertheless, dynamic instability and seakeeping limits require attention for the best exploitation of lift benefits. Hydrofoils after a period of reduced interest have gained new interest due the exciting results of America's cup and offshore racing sailboats.

The purpose of this Special Issue is to highlight recent developments in the field of high-speed craft that benefit from hydrodynamic lift and publish the most exciting achievements with the aim of free dissemination for research, teaching, and reference purposes.

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Message from the Editor-in-Chief

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