

CALL FOR PAPERS





UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

THE ROYAL INSTITUTION OF NAVAL ARCHITECTS



### INTRODUCTION

The 13th HMSV Symposium will be held in Naples in October 2023. The awareness of the sustainable mobility and the imperative of greenhouse gas emission reduction call for the immediate actions in maritime industry. The EU explicitly requests to help the maritime sector to become cleaner and more efficient through technical improvements such as optimisation of ship speed. innovation in hydrodynamics, new propulsion systems and power supply. This challenge is even greater for the field of high speed marine vessels where only through research and development, improvements in design, construction and operation can be achieved.

Recently, the application of foils to the hull has invaded the field of sailboats racing. The chances of victory depend in large percentage on foils efficiency and the most advances numerical and experimental techniques have to be applied in their design. The contributions on the foils hydrodynamics and/or structural problems are welcome in the new session Foiling.

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### SYMPOSIUM TOPICS

- Design and production technologies
- · Experimental and numerical hydrodynamics
- Structures loads, strength, materials
- Optimisation techniques
- Smart and Unmanned Ships
- Foiling
- · Safety, Passengers Comfort, Human
- Factors
- · Fast Sea Traffic, Terminals, intermodal trade
- EEXI and CII impact
- Environmental friendliness
- Students design competition

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refreshments.

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# **DEADLINES AND KEY DATES**

t not exceeding 300 words:	1 st	March	2023
ance of abstracts:	31 <sup>st</sup>	March	2023
bmission of papers:	$30^{\text{th}}$	June	2023
ceptance	1 <sup>st</sup>	August	2023

## **REGISTRATION FEE**

tion fee before 1 <sup>st</sup> September:	600 Euro
s ATENA and RINA before 1 <sup>st</sup> September:	500 Euro
tion fee after 1 <sup>st</sup> September:	700 Euro
s ATENA and RINA after 1 <sup>st</sup> September:	600 Euro
dents:	300 Euro

UNINA Students are invited to attend sessions and

Registration fee includes proceedings, refreshments and lunches during the Conference. For further information, please contact Secretariat. hsmv@unina.it

# **CONFERENCE SECRETARIAT**

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