

# HSMV 2023

13<sup>th</sup> SYMPOSIUM  
ON HIGH SPEED  
MARINE  
VEHICLES

Naples  
23<sup>rd</sup> – 25<sup>th</sup>  
October 2023

CALL FOR  
PAPERS



UNIVERSITÀ DEGLI STUDI  
DI NAPOLI FEDERICO II



THE ROYAL INSTITUTION  
OF NAVAL ARCHITECTS



## INTRODUCTION

The 13<sup>th</sup> 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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G. THOMAS, University College London

## 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

## DEADLINES AND KEY DATES

Abstract not exceeding 300 words: 1<sup>st</sup> March 2023  
Acceptance of abstracts: 31<sup>st</sup> March 2023  
Final submission of papers: 30<sup>th</sup> June 2023  
Final Acceptance: 1<sup>st</sup> August 2023

## REGISTRATION FEE

Registration fee before 1<sup>st</sup> September: 600 Euro  
Members ATENA and RINA before 1<sup>st</sup> September: 500 Euro  
Registration fee after 1<sup>st</sup> September: 700 Euro  
Members ATENA and RINA after 1<sup>st</sup> September: 600 Euro  
PhD Students: 300 Euro

UNINA Students are invited to attend sessions and refreshments.

Registration fee includes proceedings, refreshments and lunches during the Conference. For further information, please contact Secretariat. [hsmv@unina.it](mailto:hsmv@unina.it)

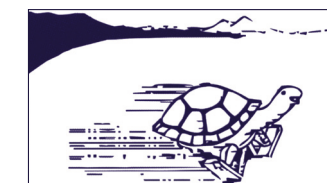
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