

#### NuTTS 2023 https://blueoasis.pt/nutts-2023/

blue Cashs ocean sustainable solutions

Making the World Green and the Oceans Blue



#### Numerical Towing-Tank Symposium (NuTTS) https://www.uni-due.de/ISMT/ismt\_nutts.shtml

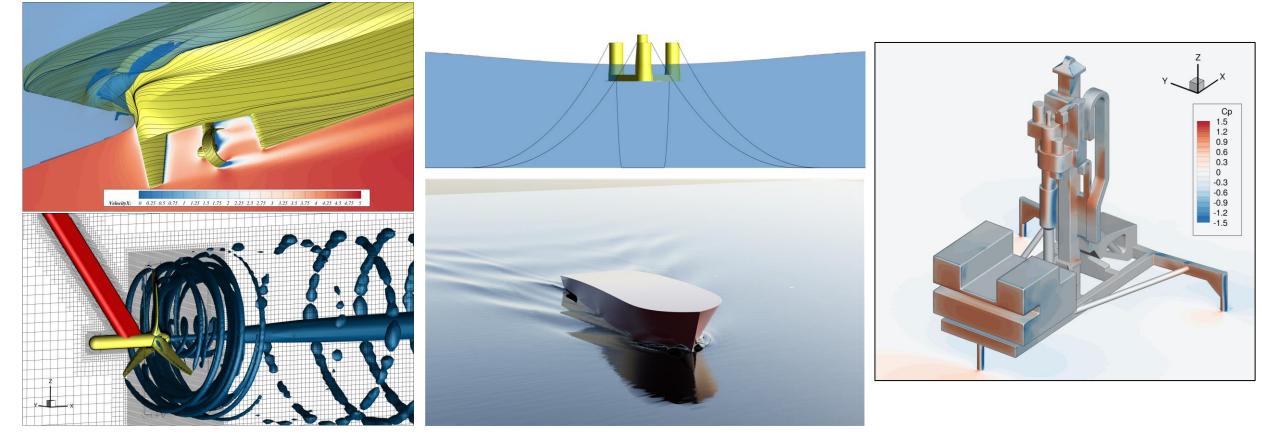
<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
Hamburg/Germany	Rome/Italy	Tjärnö/Sweden	Hamburg/Germany	Pornichet/France
<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Rome/Italy	Hamburg/Germany	Varna/Bulgaria	Nantes/France	Hamburg/Germany
<b>2008</b>	2009	<b>2010</b>	<b>2011</b>	<b>2012</b>
Brest/France	Cortona/Italy	Duisburg/Germany	Southampton/England	Cortona/Italy
<b>2013</b>	2014	<b>2015</b>	<b>2016</b>	<b>2017</b>
Mülheim/Germany	Marstrand/Sweden	Cortona/Italy	St Pierre d'Oléron/France	Wageningen / Netherlands
<b>2018</b>	<b>2019</b>	*	<b>2021</b>	<b>2022</b>
Cortona/Italy	Tomar/Portugal		Duisburg/Germany	Zagreb/ Croatia

#### In 2023, NuTTS is 25 years old...



#### 2023 theme: "Numerical Work Fosters Ocean Sustainability".

https://www.blueoasis.pt/nutts-2023/





- No parallel sessions.
- Relaxed atmosphere (no suit nor ties).
- MSc and Phd students are encouraged to participate.

#### - Topics

- Potential-flow developments
- CFD developments
- Verification & Validation of Numerical Tools
- Hydrodynamics
- Maritime&Offshore Aerodynamics
- Ships
- Propulsion
- Fluid-Structure Interaction
- Offshore Platforms

#### - Encouraged New Topics

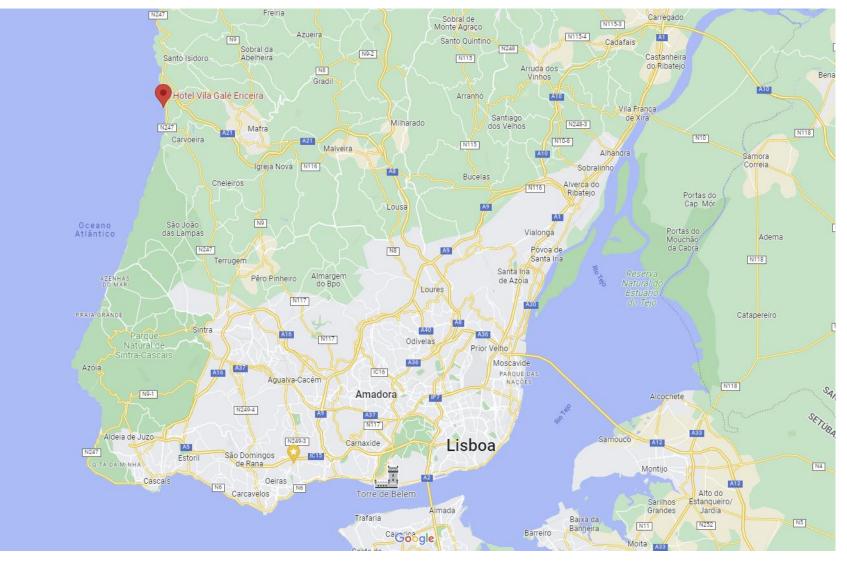
- Numerical Methods for Sailing
- Numerical Methods for Surfing
- Artificial Intelligence for Maritime & Offshore Applications
- Offshore Renewable Energy



- blueOASIS will organize it: <a href="https://blueoasis.pt/nutts-2023/">https://blueoasis.pt/nutts-2023/</a>
- It will be held in Ericeira, Portugal!
  - Close to the sea.
  - Good for the city&village, Mafra-Ericeira: a Portuguese Sustainable Destination.
  - World Surf Reserve (the only one in Europe).
- Date:
  - 15-18 October 2023
- Fees are :
  - 350 Euro PhD candidates and students.
  - 450 Euro academic participants.
  - 600 Euro non-academic participants\*.
  - Includes hotel, meals, social programme and conference fees. 3 nights.

\* Companies of these participants will have a special place in the list of supporting entities, in the proceedings, website, brochures, dinner menu, social media, like the sponsors. \*\* For more than 2 participants from the same academic or non-academic entity, a discount might be applied.







#### - Programme:

- Sunday-Tuesday.
- No parallel sessions
- Sunday:
- Monday:

14h00 - 18h30 9h00 - 13h00 14h30 - 16h00 16h00 - 24h00 (social) 9h00 - 13h00 14h30 - 18h30

- Tuesday:
- Venue: Vila Galé Ericeira
- Social Events:
  - Visit Mafra UNESCO Palace
  - Surf Experience
  - Wine Tasting





- Venue: Vila Galé Ericeira



- How to get there:
  - Lisbon:
  - Airport to Bus Station: —
  - \_
  - Car to Ericeira: 30m from Airport (tolls) \_
  - Uber/Taxi:

- Lisbon International Airport
- Bus or Metro
- Bus Station to Ericeira: 45m-1h Mafrense, <u>https://www.mafrense.pt</u>









mafrense



#### - Sponsors so far

- Mafra City Hall
- Ericeira Business Factory (
- ProMarine
- JBEnergy
- Marin
- VICUS-DT
- Tecplot

(Social Events) (Logistics)

(Silver) (Silver) <mark>(Gold)</mark> (Silver) (Silver)

- Sponsoring Rights
  - Bronze: 500Euros
    - Logos in Website
    - Social Media announcement
  - Silver: 1000Euros
    - Logos in Website
    - Social Media announcement
    - Logos in all Presentations by Organization
    - Logos in Printouts, Flyouts, Dinner/Lunches
    - 1.0x participants for free

#### Gold: 2000Euros

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- Logos in Website
- Social Media announcement
- Logos in all Presentations by Organization
- Logos in Printouts, Flyouts , Posters, Dinner/Lunches
- Poster presentation (if desired)
- 2x participant(s) for free



# Thank you!

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