

# International Conference on Maritime Technology and Engineering

***Celebrating 40 years of teaching  
Naval Architecture and  
Ocean Engineering  
and the 25<sup>th</sup> anniversary of CENTEC***

The National Conferences in Naval Architecture and Marine Engineering began in 1987 with the joint organization of Instituto Superior Técnico and the Naval Architecture and Marine Engineering Section of the Portuguese Association of Engineers (Colégio de Engenharia Naval da Ordem dos Engenheiros). The 11 editions of the event were initially organized annually, becoming later a bi-annual event including one edition in 1997 organized together with the Association of Naval Architects of Spain.

Previous editions have constituted a regular forum for the presentation of ongoing work in the sector, creating the opportunity for technical and scientific debate of matters related with the various fields linked to the Portuguese maritime sector, with the aim of contributing to its progress.

This year, the 5th MARTECH Conference coincides with the celebration of the 40th anniversary of the creation of the first degree in Naval Architecture and Ocean Engineering in Portugal (Shipbuilding Engineering, at that time), as well as the commemoration of CENTEC's 25th anniversary.

The scope of the Conference is broad, covering all aspects of the maritime activity including:

- Ship Design (structures, hydrodynamics, machinery)
- Ship Building and Repair
- Maritime Transportation and Ports

- Fishing and Aquaculture
- Energy Resources
- Military and Surveillance Vessels
- Recreational Craft and Maritime Tourism

The official language of the event will be English. At the same time and at the same location the traditional national Conference will be held in Portuguese in parallel sessions.

## Conference co-Chairs

**Carlos Guedes Soares** **Pedro Ponte**  
*Técnico Lisboa* *Ordem dos Engenheiros*

## Organising Committee

*Tiago Santos, IST & OE*  
*Ângelo Teixeira, IST* *Dina Dimas, OE*  
*Manuel Ventura, IST* *José Manuel Cruz, OE*  
*José Gordo, IST* *Francisco C. Salvado, OE*  
*José Varela, IST* *Paulo Viana, OE*



***For further information, please contact the  
Martech 2020 Secretariat at:***

Sandra Ponce or Fátima Pina  
Centre for Marine Technology & Ocean Engineering  
(CENTEC)  
Instituto Superior Técnico  
Tel: +351 218 417 607  
E-mail: [martech@centec.tecnico.ulisboa.pt](mailto:martech@centec.tecnico.ulisboa.pt)  
<http://www.centec.tecnico.ulisboa.pt/martech2020>



ORDEM  
DOS  
ENGENHEIROS

**5<sup>th</sup> International Conference  
on**

# Maritime Technology and Engineering

**NEW  
DATES**

## MARTECH 2020

**Second Announcement  
and  
Call for Papers**

**16 – 19 November 2020**

**Lisbon, Portugal**

Instituto Superior Técnico  
Ordem dos Engenheiros

## MARTECH 2020 Scientific Committee

Felice Arena, Mediterranea Univ. of Reggio Calabria, Italy  
Ermina Begovic, UNINA, Italy  
Kostas Belibassakis, NTUA, Greece  
Marco Biot, Università degli Studi di Trieste, Italy  
Elzbieta Bitner-Gregerseon, DNVGL, Norway  
Evangelos Boulougouris, University of Strathclyde, UK  
Rui Carlos Botter, University of São Paulo, Brazil  
Sofia Caires, Deltares, The Netherlands  
Nian Zhong Chen, Tianjin University, China  
Ranadev Datta, IIT Kharagpur, India  
Vicente Díaz Casás, Universidad A Coruña, Spain  
Leonard Domnișoru, Univ. Dunarea de Jos Galati, Romania  
Soren Ehlers, Technische Universität Hamburg, Germany  
Saad Eldeen, Port Said University, Egypt  
Bettar Ould el Moctar, Univ. of Duisburg-Essen, Germany  
Segen F. Estefen, UFRJ, Brazil  
Selma Ergin, Istanbul Technical University, Turkey  
Massimo Figari, University of Genova, Italy  
Thor I. Fossen, NTNU, Norway  
Yordan Garbatov, Instituto Superior Técnico, Portugal  
Sergio Garcia, University of Cantabria, Spain  
Lorena García Alonso, Univ. de Oviedo, Spain  
Peter Georgiev, TU Varna, Bulgaria  
Hercules Haralambides, Erasmus Univ. Rotterdam, Netherlands  
Spyros Hirdaris, Aalto University, Finland  
Zhiqiang Hu, Newcastle University, UK  
Chunyan Ji, Jiangsu Univ. Science & Technology, China  
Xiaoli Jiang, TUDelft, The Netherlands  
Jean-Marc Laurens, ENSTA Bretagne, France  
Debabrata Karmakar, National Inst. Techn. Karnataka, India  
Faisal Khan, Memorial University, Canada  
Pentti Kujala, Aalto University, Finland  
Xavier Martínez-García, Uni. Politècnica de Catalunya, Spain  
Alba Martínez-López, Univ. Las Palmas Gran Canaria, Spain  
Marcelo Ramos Martins, University of São Paulo, Brazil  
Jakub Montewka, Gdynia Maritime University, Poland  
Muk Chen Ong, University of Stavanger, Norway  
Josko Parunov, University of Zagreb, Croatia  
Apostolos Papanikolaou, HSVA, Germany  
Preben T. Pedersen, DTU, Denmark  
L. Prasad Perera, Arctic University of Norway, Norway  
Jasna Prpić-Oršić, University of Rijeka, Croatia

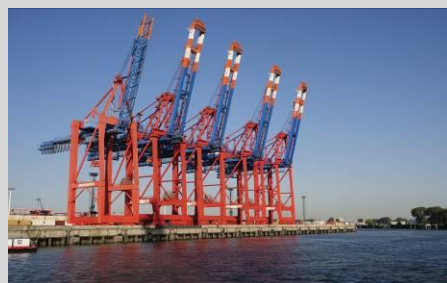
Harilaos N. Psaraftis, DTU, Denmark  
Suresh Rajendran, IIT Madras, India  
Huiling Ren, Harbin Engineering University, China  
Jonas W. Ringsberg, Chalmers Univ. of Technology, Sweden  
Liliana Rusu, University Dunarea de Jos Galati, Romania  
António Souto-Iglesias, Univ. Politécnica de Madrid, Spain  
Maciej Taczala, West Pomeranian University, Poland  
Wiesław Tarełko, Gdansk University of Technology, Poland  
Michele Viviani, University of Genova, Italy  
Deyu Wang, Shanghai Jiao Tong University, China  
Jin Wang, Liverpool John Moores University, UK  
Xinping Yan, Wuhan University of Technology, China  
Shengming Zhang, Lloyds Register, UK  
Peilin Zhou, University of Strathclyde, UK  
Xueqian Zhou, Harbin Engineering University, China

## Paper Abstracts

Authors are invited to submit their abstract(s), of approximately the length of one page A4, to the conference web page.

The full paper(s) should be submitted in electronic format. Instructions for paper preparations will be available from the web page conference.

The papers will be published by CRC Taylor and Francis Group.



## New Submission Deadlines

**For Abstract Submission: 15-04-2020**

**For Paper Submission: 30-05-2020**

**For Final Paper Submission: 31-07-2020**



## Registration fees

Category*	Early bird fee (until 15 June 2020)	Regular fee (after 16 <sup>th</sup> June 2020)
Participant	500 €	600 €
Authors / OE Members	400 €	500€
Students (non-author)	120 €	150 €

### **\*Fees include:**

*Participants:* Conference proceedings + USB;  
Coffee-breaks; Lunches and Conference dinner

*Authors / OE Members:* Conference proceedings +  
USB; Coffee-breaks; Lunches and Conference  
dinner

*Students (non-authors):* USB and Coffee-breaks