

## ANNEX 1 – CALL FOR ABSTRACTS

### WMTC 2021 :: CREATING SUSTAINABLE SHIPPING THROUGH TECHNOLOGY AND INNOVATION

From historic maritime heritage to forward looking smart and sustainable shipping. Join WMTC2021 in Denmark, at the Tivoli Congress Centre at the heart of Copenhagen.

The shipping industry faces a huge amount of challenges; the quest for decarbonization and battling pollution, the impact of disruptive technologies, our vulnerabilities to cyber-attacks and a severe skills shortage.

**Call for Abstracts** will start in June 2020, and we encourage all maritime businesses, students, researchers, and scientists to submit papers, presentations or posters within the scope of the conference; theoretical and especially feasible and implementable submissions are favored. Prior to the conference all submissions will be evaluated by a Review Committee and the most relevant will be selected for presentation and discussion at the conference.

#### THEMES OF THE CONFERENCE ARE:

- |  |  |   |
|--|--|---|
| • Alternative fuels                                  | • Hydrodynamics                                    | • Scrapping and re-cycling                                    |
| • Alternative propulsion systems                     | • Innovation and new technologies                  | • Ship design   |
| • Artificial Intelligence                            | • Inspection and maintenance                       | • Ship propulsion   |
| • Autonomy   | • Life cycle analysis                              | • Shipbuilding technology                                     |
| • Circular economy                                   | • Lightweight applications at sea                  | • Social environment  |
| • Coatings and corrosion                             | • Loading and discharging systems and technologies | • Stability   |
| • Commercial sustainability                          | • Maneuverability                                  | • Supply chain innovation and optimization                    |
| • De-carbonization of shipping and future challenges | • New technologies                                 | • Sustainability  |
| • Digitalization in general                          | • How to meet IMO's 2030 and 2050 GHG goals        | • System integration (automation and digitalization on ships) |
| • Energy optimization                                | • Nuclear power at sea                             | • Vessel performance optimization                             |
| • Environmental sustainability                       | • Offshore engineering including wind farms        | • Wind farms and associated technologies                      |
| • How to meet IMO's 2030 and 2050 GHG goals          | • Robotics   | • Zero-emission Technologies                                  |
| • Human factors                                      | • Safety   |   |

The process for submitting abstracts, as well as final papers for review has been released.

#### SCIENTIFIC PAPERS

All authors are invited to submit an abstract in 300-400 words. The abstract should include the subject(s) – see themes – to which their topic applies. The abstract should outline the objectives and scope of the work described, the approach followed, observations and results as appropriate, and note any novel features of the work.

All abstracts must be submitted online via this [link](#), which opens 10. June 2020.

#### Deadlines:

Abstract Submission: 31 July 2020

Notification of abstract acceptance: 1 September 2020

Upon acceptance of the abstract, a technical paper of 6 – 10 pages is required. These papers will be peer reviewed by a review committee. Authors are expected to incorporate feedback into their final papers.

Accepted papers will be published in a conference proceeding.

**Deadlines:**

Paper for Review: 1 November 2020

Final Paper: 15 January 2021

**INDUSTRIAL PRESENTATIONS**

Invitation to submit an abstract in 300-400 words. The abstract should include the subject(s) – per above list – to which their topic applies. The abstract should outline the objectives and scope of the work described.

**Deadline:**

Abstract Submission: 1 December 2020

Upon acceptance of the abstract, a presentation must be submitted.

**Deadline:**

Final Presentation: 1 April 2021

**STUDENT AUTHORS**

Students are encouraged to bring forward abstracts, presentations or posters within the scope of the conference. An abstract must be submitted as described for scientific papers.

Upon acceptance of the abstract, a presentation, poster or a paper of max. 10 pages is required. The material must be reviewed by a faculty member before submitted.

**Deadlines:**

Paper for Review: 1 December 2020

Final Paper/Presentation: 15 January 2021

Please follow this [link](#) for more details

Join WMTC 2021 and be part of the movement bridging technology into innovative feasible solutions through hands-on knowledge from leading companies, organizations, authorities and researchers.

Maritime Development Center and DSNAME (Danish Society for Naval Architects and Marine Engineering) look forward to welcoming you to Copenhagen on 27<sup>th</sup> – 29<sup>th</sup> April 2021.

Registration will begin in August 2020 but until then, you can secure a spot at the conference and sign up for our newsletter [here](#) – once registration starts, we will let you know.

The Local Organizing Committee chaired by PhD Henrik O. Madsen, former Global CEO of DNV-GL, looks forward to welcoming you to Copenhagen on the 27-29<sup>th</sup> of April 2021.

## ANNEX 2 – CALL FOR SPONSORS, BUSINESS PARTNERS & EXHIBITORS

### WMTC 2021 :: CREATING SUSTAINABLE SHIPPING THROUGH TECHNOLOGY AND INNOVATION

Join us in Copenhagen on 27<sup>th</sup> – 29<sup>th</sup> 2021 when more than 1,000 professionals will be coming to Denmark as Copenhagen opens its doors to the world leading maritime technology conference WMTC (World Maritime Technology Conference) showcasing the latest innovations within maritime technology at the three-day conference.

Maritime Development Center in collaboration with DSNAME Foundation offers maritime businesses, universities and academies around the world the opportunity to get together with industry representatives, professors, students and researchers at the conference to discuss important maritime issues. The conference extends all attendees the opportunity of engaging with other like-minded people on topics that interest them and offers a place to expand your network.

#### THEMES OF THE CONFERENCE ARE:

- |  |  |   |
|--|--|---|
| • Alternative fuels                                  | • Hydrodynamics                                    | • Scrapping and re-cycling                                    |
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| • Human factors                                      | • Safety   |   |

For a successful conference and concurrent exhibition, we are looking for sponsors, business partners and exhibitors to join us in Copenhagen.

WMTC2021 is conducting the exhibition in collaboration with Danish Maritime Fair / Tech and offers 62 booths at the Tivoli Congress Center. You can read more about the exhibition and secure a booth at our [website](#).

Sponsors and business partners have the opportunity of displaying their brand, products and services and it also offers the chance to discover potential customers and to network and build connections with other professionals. Go to our [website](#) to see more about sponsorship levels and exhibition opportunities

Sign up for our newsletter and secure your spot at the conference through our pre-signup [here](#).

The Local Organizing Committee chaired by PhD Henrik O. Madsen, former Global CEO of DNV-GL, looks forward to welcoming you to Copenhagen on the 27-29<sup>th</sup> of April 2021.

### ANNEX 3 – CALL FOR REVIEWERS OF ACADEMIC PAPERS

#### WMTC 2021 :: CREATING SUSTAINABLE SHIPPING THROUGH TECHNOLOGY AND INNOVATION – CALL FOR REVIEWERS

Maritime Development Center in collaboration with DSNAME Foundation offers maritime businesses, universities and academies around the world the opportunity to get together industry representatives, professors, students and researchers at the World Maritime Technology Conference on 27<sup>th</sup> – 29<sup>th</sup> April 2021 in Copenhagen, Denmark, to discuss important maritime issues.

The conference extends all attendees the opportunity of engaging with other like-minded people on topics that interest them and offers a place to expand your network.

Maritime businesses, students, researchers, and scientists are encouraged to bring forward papers, presentations or posters within the scope of the conference; theoretical and especially feasible and implementable submissions are favored. Prior to the conference all submissions will be evaluated by a Review Committee and the most relevant will be selected for presentation and discussion at the conference.

#### CALL FOR REVIEWERS

To facilitate the review of papers we are in search of people within the industry who wishes to lend their knowledge and expertise in reviewing within the below areas

- |  |  |   |
|--|--|---|
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We are looking for contacts in all countries who are willing to assist.

Expected number of papers falls between 100 and 200, and we look forward to welcoming you in joining us in our effort to generate high-quality knowledge within the maritime field to be presented at the World Maritime Technology Conference in Copenhagen, Denmark, in 2021.

MCI organization will provide the digital infrastructure for managing the review process, and participation will be of no cost to you. Additionally, reviewers may receive a 10% rebate on the registration fee for the conference

**Please indicate how many papers and within which subjects your organization may be able to provide reviewers for by email to: Associate Professor Marie Lützen at [mlut@iti.sdu.dk](mailto:mlut@iti.sdu.dk) , before the July 31<sup>st</sup> 2020.**

Details about the conference will continuously be updated at [www.wmtc2021.com](http://www.wmtc2021.com) and you can sign up for future news about the conference through this [link](#).

## ANNEX 4 – CALL FOR STUDENT ATTENDANCE

### WMTC 2021 :: CREATING SUSTAINABLE SHIPPING THROUGH TECHNOLOGY AND INNOVATION

More than 1,000 professionals will be coming to Denmark in 2021 when Copenhagen opens its doors to the world leading maritime technology conference WMTC (World Maritime Technology Conference) showcasing the latest innovations within maritime technology at the three-day conference.

The conference was first held in 2003 and has since then been conducted every third year, most recently in 2015 in Rhode Island, USA, and again in December 2018 in Shanghai, China, before it hits Denmark in 2021.

In the amazing setting of Tivoli Congress Center in Copenhagen, Danish and international guests will experience not only the conference tracks but also more than 150 papers along with activities for students as well as an exhibition with all the latest in maritime technology.

The international organization behind World Maritime Technology Conference is World Maritime Technology Congress, which consist of 21 non-profit sister organizations of DSNAME (Danish Society of Naval Architecture and Marine Engineering) from 17 countries.

Maritime Development Center in collaboration with DSNAME Foundation therefore offers maritime universities and academies around the world the opportunity to bring professors, students and researchers together with industry representatives at the conference to discuss important maritime issues. It will a.o. offer students the opportunity to engage with other like-minded people on topics that interest them and help develop critical and creative thinking.

### CONFERENCE THEMES

Under the headline “Creating sustainable shipping through technology and innovation” the conference will address the huge amount of challenges; the quest for decarbonization and battling pollution, the impact of disruptive technologies, our vulnerabilities to cyber-attacks and a severe skills shortage. How do we bridge from technology to innovative solutions through hands-on knowledge from leading companies and researchers?

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Final Paper/Presentation: 15 January 2021

### FOCUS ON FUTURE CAREER

WMTC2021 gives students a unique possibility to build the foundation for their future career. The



conference will offer matchmaking events and competitions offering them the possibility to meet and network with leading companies and organizations within the industry.

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