

22
TO NOV 2022 | Hamburg
24 | Germany

THE MOTORSHIP 43RD PROPULSION & Future Fuels Conference

Headline Sponsor :



Provisional Conference Programme

Le Meridien Hotel, Hamburg, Germany

Powering shipping's emissions-cutting ambitions
Propulsion stream | Alternative fuels stream | Technical visit

Two days of conference streams exploring the pending FuelEU Maritime Regulation, specifically, the journey to 2030 with ShorePower. This year the programme will also feature sessions on electrification, digitalisation, current alternative fuels and potential fuels for the future. While bringing together industry leaders to discuss current and future fuels.

Chairmen: Martin Kröger, Chief Executive Officer, German Shipowners' Association (VDR)
Reinhard Lüken, Managing Director, German Shipbuilding
And Ocean Industries Association (VSM)
Lars Robert Pedersen, Deputy Secretary General, BIMCO

Sponsored by:



Sauer Compressors



Supported by:



visit: propulsionconference.com
contact: +44 1329 825335
email: conferences@propulsionconference.com



#MotorshipPFF

mercatormedia³
magazines|events|online

Organised by:

THE MOTORSHIP
INSIGHT FOR MARINE
TECHNOLOGY PROFESSIONALS

DAY ONE – TUESDAY 22 NOVEMBER 2022

08:00 **Coffee & Registration**

09:00 **Chairmen's welcome**

Lars Robert Pedersen, Deputy Secretary General, BIMCO

Martin Kröger, Chief Executive Officer, German Shipowners' Association (VDR)

Reinhard Lüken, Managing Director, German Shipbuilding And Ocean Industries Association (VSM)

09:15 **Gold Sponsor Welcome – DNV**

09:25 **KEYNOTE PANEL: THE JOURNEY TO 2030 WITH SHOREPOWER**

Moderator: **Lars Robert Pedersen, Deputy Secretary General, BIMCO**

Ricardo Batista, Policy Officer, Directorate-General for Mobility and Transport European Commission

Isabelle Ryckbost, Secretary General, ESPO

Martin Kröger, Managing Director, German Shipowners' Association (VDR)

Dr. Kai-Dieter Classen, Deputy Director External Affairs, Hamburg Port Authority

10:30-10:50 **Coffee break**

SESSION 1 **ELECTRIFICATION FOR BIG SHIPS**

10:50 **The rise of hybrid propulsion systems**

Dr. Torsten Büssow, Managing Director, Electrical & Power Systems Business, Wärtsilä

The presentation explains several hybrid systems we are building at the moment and summarizes our experience of 70 hybrid vessels from Wartsila.

11:05 *Stefan Goranov, General Manager, Sustainability Solutions, WinGD*

11:50-12:10 **Q&A**

12:10-13:40 **Lunch & Networking**

SESSION 2: **DIGITALIZATION, DIGITAL EFFICIENCY AND THE FUTURE TECHNOLOGY OF THE MARITIME SECTOR**

13:40 **Shipping decarbonization and digital thread**

Mia Elg, R&D Manager, Deltamarin

This presentation focuses on showcasing a realistic pathway to decarbonized shipping with practical examples from our ongoing projects. We discuss about the related digital modelling and optimization methods and about their application and validation.

13:55 **The Digital Wave**

Gregory Puckett, Head of Group Digital, MAN Energy Solutions

In his presentation, Mr. Puckett describes the "digital wave" within MAN-ES. From connectivity, to cloud, from data to artificial intelligence. The digital wave is continuous, it is variable, it can be calm one moment, and stormy the next. Most interesting it will never not turn back.

14:10 **Digitalization – Digital Tool to Ensure Engine Efficiency**

Matthias Winkler, Managing Director, CM Technologies GmbH

Digitalisation for engine performance measurement including automated data transfer between ships and ashore. Important is the possibility to have all data at one place allowing access from everywhere at any time for anyone. Useful assistance for ship and shore personnel.

14:40-15:00 **Q&A**

15:00-15:30 **Coffee break**

SESSION 3: THE MOTORSHIP AWARD

- 15:30-17:00** Nominations will be announced shortly
- 17:00** Conference close
- 17:00** Pre Dinner Drinks Reception
- 18:30** Dinner Venue to be announced
*Announcement of the Motorship Award winner,
Presented by Nick Edström, Editor, The Motorship*



DAY TWO – WEDNESDAY 23 NOVEMBER 2022

- 08:30** Coffee & Registration
- 09:15-09:30** Recap of day 1 by Chairmen
*Lars Robert Pedersen, Deputy Secretary General, BIMCO
Martin Kröger, Chief Executive Officer, German Shipowners' Association (VDR)
Reinhard Lüken, Managing Director, German Shipbuilding And Ocean Industries Association (VSM)*

SESSION 4 CARBON LEVY SOLUTION

- 09:30** The Future of Bunker Fuels for world's Shipping Fleet
Jon Buckingham, Chief Mechanical Engineer, BMT

- 10:15-10:35** Q&A
- 10:35-10:55** Coffee Break

SESSION 5 FUTURE APPROACHES

SESSION 5.1 EFUELS & BIO FUELS		SESSION 5.2 SUSTAINABLE APPROACHES FOR THE FUTURE	
10.55	On the Way to Zero Emissions: Considerations for the Design and Operation of Fuel Treatment Systems <i>Franciska Kjellström, Global Application Manager, Marine Fuels, Alfa Laval</i>	10.55	Carbon Levy – Why Advanced Coatings Will be Essential to Success in the Age of the Carbon Levy <i>Philip Chaabane, CEO of I-Tech</i>
11.10	Power-to-X - Decarbonisation With Future Maritime Fuels <i>Daniel Chatterjee, Director Technology Management & Regulatory Affairs Head of the Green-and High-Tech and NetZero @PowerSystems Program, Rolls-Royce</i>	11.10	Who can improve energy efficiency in ship operations and bring down emissions? <i>Rene Taudal Poulsen, PhD, programme director for BSc Program in international shipping and trade, Copenhagen Business School, Denmark</i>
11:55-12.15	Q&A	11:55-12:15	Q&A

- 12:15-13:45** Lunch & Networking

SESSION 6 ALTERNATIVE FUELS

SESSION 6.1 AMMONIA	SESSION 6.2 METHANOL
<p>13.45 <i>Peter Morsbach, Vice President Sales Operations, Høglund Marine Solutions</i></p> <p>14.00 Transitioning towards the use of carbon-free ammonia as a marine fuel <i>René Sejer Laursen, Director – Fuels & Technology, Global Sustainability Copenhagen, ABS*</i></p> <p>14:45-15.05 Q&A</p>	<p>Methanol: A Future Proof Marine Fuel <i>Gregory Dolan, CEO, Methanol Institute</i></p> <p>Development of worlds 1st methanol engine for very large container ships <i>Dr Gwang-Hyeon Yu, Senior Researcher Green Oiwer & engine Systems research, Hyundai Heavy Industries</i></p> <p>14:45-15.05 Q&A</p>

15:05-15:35 Coffee Break

SESSION 7.1 MULTIFUEL ENGINES	SESSION 7.2 RETROFIT SOLUTIONS
<p>15.35 Will "multi-fuel" propulsion engines be the solution to solve the "future fuel" uncertainty? <i>Rolf Stiefel, Regional Chief Executive, Bureau Veritas Marine & Offshore</i></p> <p>15:50 <i>Maikel Arts, General Manager, Market Innovation, Wärtsilä Marine Power</i></p> <p>16.05 Lubrizol <i>Title and Speaker tbc</i></p> <p>16:35-16:55 Q&A</p>	<p>15.35 Combining efficiency technologies with wind to deliver results beyond compliance <i>Tuomas Riski, CEO, Norsepower</i></p> <p>15.50 The role of retrofitting in the Clean Fuel Transition <i>Jan P. Brugger - Co-Founder& COO, FuelSave</i> <i>The use of hydrogen & methanol retrofit technology can help shipowners to meet IMO Tier III standards. An alternative to urea or ammonia, these solutions achieve substantial emission reductions and cost savings, whilst curbing OPEX.</i></p> <p>16.05 Retrofitting to Methanol DF operation – an Owners experience <i>Per Westling, Managing Director, Stena RoRo AB</i></p> <p>16:35-16:55 Q&A</p>

16:55-17:10 Conference Wrap up with Moderators and Chairmen

Lars Robert Pedersen, Deputy Secretary General, BIMCO
Reinhard Lüken, Managing Director, German Shipbuilding And Ocean Industries Association
Martin Kröger, Chief Executive Officer, German Shipowners' Association (VDR)

17:10 Conference Close

DAY THREE – THURSDAY 24 NOVEMBER 2022 - TECHNICAL VISIT

* = Invited

BOOKING FORM

Conference Fee

€2157.75 / £1,812

Fee Includes

Booking Online

propulsionconference.com or complete and fax the booking form below to +44 1329 550192. On receipt of your registration, you will be sent confirmation of your delegate place

Contact Us

For further information on exhibiting, sponsoring, or attending the conference, contact the Events team on:

+44 1329 825335

or

conferences@propulsionconference.com

Venue

Le Méridien Hotel, Hamburg
An d. Alster 52, 20099 Hamburg, Germany
Visit propulsionconference.com

THE MOTORSHIP 43rd 2022
PROPULSION
& Future Fuels Conference

22
TO NOV | Hamburg
24 2022 | Germany

BOOK ONLINE OR COMPLETE THIS FORM AND FAX TO +44 1329 550192

(Please copy this form for additional delegates)

Please tick all that apply :

Please register me for the Propulsion and Future Fuels Conference 2022. I will attend the following:

- ☐ Conference Dinner (22nd November 2022) - No additional cost
- ☐ Technical Visit (24 November 2022) - No additional cost

Members of supporting associations will receive up to 50% off your delegate booking.

- ☐ I am a member of

Family Name _____ Country _____

First Name _____ Telephone _____

Title Mr/Mrs/Ms/Dr/Other Fax

Company _____ Email _____

Job Title _____ Signature _____

Company Address _____

..... Company VAT No.

HOW TO PAY *UK registered companies will be charged the standard rate UK VAT

Bank Transfer: Mercator Media Ltd, HSBC Bank plc, **EURaccount, Sort Code:** 40-12-76, Account number: 70235247

SWIFT/BIC8: HBUKGB4B **BRANCH BIC11:** HBUKGB41CM1 **IBAN:** GB35HBUK40127670235247

Prepayment is required in full for entry to the conference. Full terms & conditions are available at mercatormedia.com/our-business/terms-and-conditions

Please fax form. Do not send by email as we cannot guarantee the security of card information.

Credit/Debit Card: Complete the form with your card details

- ☐ I have paid by bank transfer
- ☐ Please charge my card (delete as appropriate) Mastercard/Visa/Amex

Card Number

Expiry Date Name on Card

Security Code (3 Numbers on the reverse/
AMEX 4 numbers on front) Credit Card Billing Address

Signature

SPACE AT THE CONFERENCE IS LIMITED – RESERVE YOUR PLACE TODAY!

Book online at propulsionconference.com or fax booking form to +44 1329 550192

Registered in England. Company Number 2427909. Mercator Media Ltd reserve the right to alter the timing, content or speeches of this conference at any time. Full terms & conditions are available at: <https://www.mercatormedia.com/terms-conditions-1>

Book online at propulsionconference.com/e-commerce or fax form to +44 1329 550192