

e4ships & Zero-Emission Shipping Symposium

September 8, 2022

Hamburg Messe und Congress GmbH, Messeplatz 1, 20357 Hamburg (Room: St. Petersburg 1-3, 2nd floor)
and online

10:00 Registration / Login

10:15 **OPENING SPEECHES**

- ◆ **Welcome and introduction** | Peter Lindlahr (hySOLUTIONS)
 - ◆ **Importance of e4ships for industrial policy** | Achim Wehrmann (Federal Ministry for Digital and Transport)
 - ◆ **National Innovation Program Hydrogen and Fuel Cell Technology (NIP) and the role of maritime projects in the development of the market** | Kurt-Christoph von Knobelsdorff (National Organization Hydrogen and Fuel Cell Technology, NOW)
 - ◆ **e4ships from maritime industry perspective** | Hermann-Josef Mammes (MEYER WERFT)
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11:30 Coffee break

11:50 **FUEL CELLS IN MARITIME APPLICATIONS**

- ◆ **Efficient Energy and Regulation for the Maritime Future** | Dr. Ralf Sören Marquardt (German Shipbuilding and Ocean Industries Association, VSM)
 - ◆ **e4ships in the rule development for inland waterways ships** | Torsten Hacker (Lloyd's Register)
 - ◆ **ELEKTRA project from a user's point of view** | Paul Karius (Berliner Hafen- und Lagerhausgesellschaft, BEHALA)
 - ◆ **Pa-X-ell2 project – Development of fuel cell systems for passenger ships** | Jonathan Tylle (MEYER WERFT)
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13:00 Lunch break

14:15 **FUEL CELLS IN MARITIME APPLICATIONS**

- ◆ **RiverCell2 project** | Ragnar Christenson (MEYER WERFT)
- ◆ **MultSchIBZ project** | Dr. Elmar Pohl (OWI Science for Fuels)
- ◆ **Technologies and Regulations for Sustainable Shipping – Discussion** |
Christian Allgeier (Federal Ministry for Digital and Transport), Bingbing Song (International Maritime Organization, IMO), Dr. Pierre Sames (Det Norske Veritas, DNV), Moderator: Dr. Ralf Sören Marquardt (VSM)

15:30 Coffee break

15:45 **MEASURES IN THE CONTEXT OF ZERO-EMISSION SHIPPING**

- ◆ **Overview of measures on the pathway to zero-emission shipping** | Dr. Christopher Stanik (NOW)
- ◆ **With fuel cells and e-fuels towards zero emissions passenger shipping** |
Malte Zeretzke (Carnival Maritime)
- ◆ **Synthetic fuels: A future perspective for merchant shipping** | Wolfram Guntermann (HAPAG Lloyd)
- ◆ **Fuel cells and renewable fuels in the shipping industry – Discussion** |
Christian Allgeier (Federal Ministry for Digital and Transport), Dr. Martin Kröger (German Shipowners' Association, VDR), Dr. Reinhard Lüken (VSM), Peter Müller-Baum (VDMA), Claus Brandt (German Maritime Center, DMZ), Moderator: Dr. Christopher Stanik (NOW)

17:15 End of the event

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