Gefördert durch:
Bundesministerium für Wirtschaft und Klimaschutz
aufgrund eines Beschlusses des Deutschen Bundestages

Invitation

MariLight Gesamtnetzwerktreffen 2024 / MariLight Network Meeting 2024:

„Navigating the Future: Achievements and Prospects in Maritime Lightweighting“

Date: **18th and 19th of September 2024**

Location: **Fraunhofer Center for Maritime Logistics and Services (CML), Blohmstraße 32, 21079 Hamburg, Germany**

Dear MariLight members and those interested in maritime lightweighting,

we would like to invite you to our upcoming **MariLight Gesamtnetzwerktreffen/MariLight Network Meeting 2024 in Hamburg**.

What?	MariLight Gesamtnetzwerktreffen / MariLight Network Meeting 2024
When?	18th – 19th of September 2024. Check in starts at 09:30.
Where?	Fraunhofer Center for Maritime Logistics and Services (CML), Blohmstraße 32, 21079 Hamburg, Germany

The event promises to be an exciting opportunity to explore the latest advancements in maritime lightweight design. Come together with lightweighting experts from the maritime industry. The event is aimed at interested parties from shipyards, suppliers, research organizations and technical service providers. Both members of the MariLight network and other interested parties are welcome to attend the event. The event language will be English, attendance is free of charge.

Our preliminary agenda includes a variety of interesting presentations on maritime lightweighting applications, an industry tour of the lightweight ecosystem in Stade (near Hamburg), a guided tour of the Fraunhofer CML, and a harbor cruise through the Port of Hamburg with dinner on board.
Please find the preliminary agenda attached for more details.

If you want to participate, we kindly ask you to register as soon as possible using the following link**.**

>>REGISTRATION<<

Please note: The registration via the provided link is mandatory to be able to participate.

We are looking forward to an exciting exchange with all members and external guests.

Your MariLight team

In cooperation with:

Center of Maritime Technologies gGmbH
Steinhöft 11
20459 Hamburg
Tel: +49 40 69 20 876-0

info@cmt-net.org
www.cmt-net.org
Steuernummer: 17/430/17478
UST/VAT: DE329098533

Geschäftsführer: Christian A. Schilling
Amtsgericht Hamburg
HRB 161205

Bankverbindung: Deutsche Bank
IBAN: DE 05 2007 0000 0089 1176 00
BIC: DEUTDEHHXXX

MariLight Gesamtnetzwerktreffen 2024/MariLight Network Meeting 2024:
"Navigating the Future: Achievements and Prospects in Maritime Lightweighting"
- Preliminary Agenda -

Time	Day 1 (18.09.2024)	Day 2 (19.09.2024)
09:00		**AGRILIGHT: Development and production of the first CFRP lightweight chassis for a forage harvester** Richard Nagel, M&D Composites GmbH
09:15		
09:30	**Check-in** **09:30 - 10:15**	**MobiXL (TTP-LB Projekt), Design principle from rail vehicle construction** Holger Alder & Uriel Elliesen - Photon Laser Manufacturing GmbH
09:45		
10:00		**Bio-Inspired Structures and Methods to Solve Vibration Problems in Engineering** Dr. Simone Andresen - Alfred Wegener Institut
10:15	**Welcome and organizational remarks** Matthias Krause und Jon Steinlein - CMT	
10:30	**Welcome address by the head of Fraunhofer CML - requested** Prof. Dr.-Ing. Carlos Jahn - Fraunhofer CML	**Bionic arch structuring in metal sheets - requested** Florian Gabel & Hans-Peter Dahm - TGM Lightweight Solutions GmbH
10:45	**Slot 3 - t.b.d.**	
11:00	**A systematic approach to lightweight construction in shipbuilding?** Dr. Sebastian Spitzer & Prof. Patrick Kaeding - University of Rostock	**Bus transfer to Stade** (Lunch packages will be provided)
11:15		
11:30	**Sustainability aspects in the use of fiber composite components** Jan Ohm & TBD - CTC GmbH	
11:45		
12:00	**Introducing the Fraunhofer Center for Maritime Logistics and Services (CML)** Jan Solle - Fraunhofer CML	**Industry Tour through the Lightweighting Ecosystem Stade (CTC, Composites United, Fraunhofer IFAM, DLR)** 12:00 - 15:00
12:15		
12:30	**Lunch break incl. guided tours of the Fraunhofer CML** 12:30 - 14:30	
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30	**JIP StrengthBond Offshore: An Innovative and Robust Approach for the Certification of Composite Patch Repairs** Stephane Paboeuf - Bureau Veritas	
14:45		
15:00	**Title TBD - requested** Philippe Noury - DNV	**Bus transfer back to Fraunhofer CML**
15:15		
15:30	**Human-robot collaborative draping using the example of shipbuilding** Dr. Christian Eitzinger - PROFACTOR GmbH & Dr. Thomas Elsken - BaltiCo GmbH	
15:45		
16:00	**Coffee Break** 16:00 - 16:30	**End of the event & individual departure** approximately 16:00
16:15		
16:30	**Fibre Reinforced Plastics in Shipbuilding - Current Regulatory Developments at the IMO** Jon Steinlein - CMT	
16:45		
17:00	**Presentation of the Strategic Roadmap for Maritime Lightweight Design** Matthias Krause - CMT	
17:15		
17:30	**From MariLight Cluster to the MariLight Network in VSM - Ways forward** Matthias Krause and Jon Steinlein - CMT	
17:45		
18:00	**Break & walk to ship jetty** 18:00 - 18:30	
18:15		
18:30	**Social Event: Harbour Cruise with dinner on board** 18:30 - approx. 21:00	
18:45		
19:00		
19:15		
19:30		
19:45		
20:00		
20:15		