MARILIGHT CLUSTER

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		
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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		

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