

E-LASS



MARILIGHTNET
DAS MARITIME LEICHTBAUNETZWERK



Seminar on Lightweight Applications at Sea

29-30 January 2020

Atlantic Hotel Universum, Bremen, Germany

E-LASS #11 MEETS

MARILIGHT #2 MEETS

RAMSSES GENERAL ASSEMBLY #7

E-LASS

Founded in 2013, E-LASS is a well-established European network for Lightweight Applications at Sea with approx. 400 members in 30 countries.

Twice a year, the E-LASS members and RAMSSES partners meet for a seminar and industry tour to discuss innovative solutions and to enhance the use of lightweight materials within maritime and offshore industry.

MariLight.Net

The German network MariLight was launched in March 2019. With its 60 members the young network brings together representatives of the maritime industry at a national level with the aim of further promoting the use of lightweight materials.

Through the cooperation with the E-LASS network, national future developments, results and findings will be brought to the European level.





RAMSSES

Realisation and Demonstration of
Advanced Material Solutions for
Sustainable and Efficient Ships

The EU-funded project RAMSSES is aiming to accelerate the adoption of lightweight materials and structures in shipbuilding by developing and assessing 13 close-to-market demonstrators.





A good mix of science and commercial innovation

In the seminar part of the E-LASS event you can look forward to interesting presentations from industry and research following the spirit *“Neither too scientific nor too commercial!”*

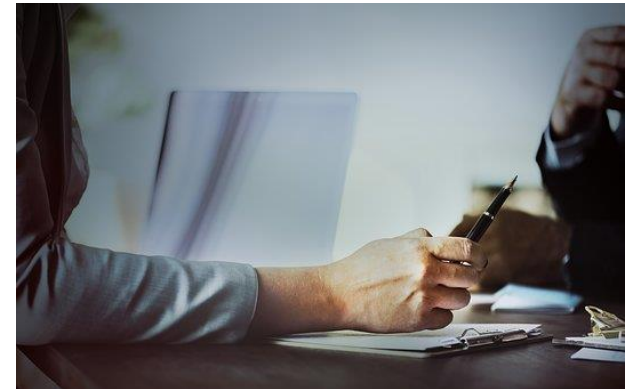
For example, **Meyer Werft** will present their latest developments and involvement in the RAMSSES project and **cDynamics** will share the story leading to the recent launch of a composite vessel in Norway.

During the dedicated Technology Transfer session the topic **“Structural Health Monitoring”** will be discussed with representatives from other industry sectors.

A special highlight will be the pre-presentation from both the European lightweight projects **FIBRESHIP** and **RAMSSES**, to be given at IMO in the following week.

The seminar will be complemented with an **industry tour**, demonstrating innovative composite applications in the region.

As the members of the German network **MariLight.Net** will join the upcoming event, a larger audience than usual will be welcomed!





		Seminar on Structural Health Monitoring	Technology Transfer
12:30	13:00	Arrival and registration	
13:00	13:10	Welcome reception	Franz Evegren (RISE - Research Institutes of Sweden)
13:10	13:20	MariLight – the German maritime lightweight network	Dr. Wibke Mayland (Center of Maritime Technologies)
13:20	13:45	Condition monitoring in the railways sector - a basis for modern maintenance concepts	Aldo Ofenheimer (V2C2)
13:45	14:10	Structural health monitoring sensors in aeronautics: recent research and applications	Felix Heinrich (ZAL - Centre for Applied Aviation Research)
14:10	14:35	Structural health monitoring in thick-walled FRP structures	Laurent Morel (Infracore Company)
14:35	15:00	Structural health monitoring in the wind energy sectors	Dr. Andreas Nuber (Wölfel Engineering)
15:00	15:40	Coffee break	
15:40	16:00	Structural health monitoring of global and local elements of fibre-based vessels	Cristobal Garcia (TSI)
16:00	16:20	Structural Health Monitoring of ships and of composite ship domes with structural-acoustic purposes	Giovanni Cusano (Cetena)
16:20	16:45	Bonded composite repair methodologies - latest advancements and developments	George Kanterakis (GMI Aero)
16:45	17:00	Introducing the Fraunhofer IFAM	Dr. Markus Brede (Fraunhofer IFAM)
17:00	18:00	Visit of Fraunhofer IFAM	Institute for Manufacturing Technology and Advanced Materials
19:30	22:00	Joint Dinner	Sponsored by Meyer Werft



		Seminar on Lightweight Applications	
08:45	09:10	Arrival and registration	
09:10	09:30	Lightweight design – Hype vs. real industrial demands	Kai Steinbach & Thomas Heber (LZS GmbH)
09:30	10:10	The development and approval process of the first GRP car ferry in Norway	Knut Inge Edvardsen (cDynamics) & Kujtim Ukaj (RISE - Research Institutes of Sweden)
10:10	10:30	Development of a lightweight composite gangway for the offshore access market	Siebert Frieling (Ampelmann Operations)
10:30	11:00	Coffee break	
11:00	11:15	Sargasso and its integration into the E-LASS network	Andreas Bach (RISE - Research Institutes of Sweden)
11:30	11:50	Development of modular composite walls in the RAMSSES project	Arthur Thellmann (Meyer Werft)
11:50	12:25	Joining forces: FIBRESHIP and RAMSSES projects to present a common approach to safeguard <i>Safety of Composite Ships</i> at the upcoming IMO SDC7 session	Alfonso Jurado (TSI), Matthias Krause (Center of Maritime Technologies), Stéphane Paboeuf (Bureau Veritas)
12:25	12:45	Discussion and feedback round regarding IMO presentation	All
12:45	13:30	Lunch Break	Provision of lunch packages “to go” for the tour (tbc!)
12:30	16:30	Industry tours	Industry tours to Daimler, Airbus <u>or</u> DGzRS*

*Due to restrictions on visitor numbers per facility, participants will be divided into smaller groups and assigned to a specific destination. We will be happy to try to accommodate preferences, but no guarantee is given.



Visit of Daimler Production Site

15:00 – 17:00

2nd largest production site of Daimler.
Tour incl. the production of a car from
the very start (steel parts) to finalisation.



Bus transfer schedule:

14:15 - Hotel Atlantic Universum
15:00 – Daimler visit (2hrs)
17:25 – Bremen Central station
17:45 – Airport
18:15 – Hotel Atlantic Universum



Visit of Airbus production site

14:00-16:00

Tour includes an introduction to the history of Airbus and visit of certain production lines e.g. assembly of wings.

Information required until Jan 8th:

First name, second name, date, of birth, place of birth, nationality



Bus transfer schedule:

13:15 - Hotel Atlantic Universum

14:00 – Airbus visit (2hrs)

16:15 – Bremen Airport

16:35 – Bremen Central Station

16:55 – Hotel Atlantic Universum

Business rate

single: € 93

double: € 123

breakfast incl.

Atlantic Hotel Universum****

Wiener Strasse 4

28359 Bremen



ATLANTIC Hotel Universum

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Arrival Date Monday, January 27, 2020 3 Nights Thursday, January 30, 2020 1 Rooms 1 Adults 0 Children

[Refine your search](#)

Room Type

AVAILABLE ROOMS & RATES

For bookings via phone/ mail use booking reference/ promotion code: "IFAM-CMT"

For bookings via website also indicate group code: "IFAM" (see screenshot)

Rooms available until Dec 18th, 2019

Munte am Stadtwald****S

Parkallee 299

28213 Bremen

single : € 99 / €121

double: € 119 / € 141

(standard / deluxe)

Booking reference: "Fraunhofer"



7things - my basic hotel**

Universitätsallee 4

28359 Bremen

single: € 62

double: € 73

breakfast € 6,50 p.P.

Booking reference: “Fraunhofer IFAM”



Registration

To register for the event please visit:

<https://e-lass.eu/e-lass-in-bremen>





Sponsorship packages

If you want to use this event as an opportunity to present your company, we offer exclusive sponsorship packages. Also, Logo on website and event program are always included for sponsors.

Transportation

Transportation is a vital part of organising an E-LASS event, especially the bus transfers for the industry tours.

By sponsoring our transportation you can promote your company during the E-LASS event.

500 € + VAT

Lunch/ Dinner Sponsor

Lunch sponsors are mentioned accordingly before lunch.

1.000 € + VAT

Dinner sponsors get extra visibility and are highlighted through signage at every table during dinner.

1.500 € + VAT

Table break promotion

Bring marketing materials (brochures or leaflet) and put it on a table for everyone to see during the breaks.

An E-LASS event is a fantastic opportunity to promote your company!

1.000 € + VAT

If you are interested, please contact us: ladage@cmt-net.org / alexander.hertzberg@ri.se



**Looking forward to
seeing you in Bremen**