

# 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



## Who we are

### 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

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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	MarLight – the German maritime lightweight network	Dr. Wibke Mayland (Center of Maritime Technologies)
13:20	13:45	Structural health monitoring in the railway industry	Aldo Ofenheimer (V2C2)
13:45	14:10	Structural health monitoring in aviation	Felix Heinrich (ZAL - Centre for Applied Aviation Research)
14:10	14:35	Structural health monitoring in construction	Laurent Morel (Infracore Company)
14:35	15:00	Structural health monitoring in the wind energy sectors	Dr. Andreas Nuber (Wölfel Engineering)
15:00	15:30	Coffee break	
15:30	15:50	SHM maritime	(tbd)
15:50	16:10	Development of modular composite walls in the RAMSSES project	Arthur Thellmann (Meyer Werft)
16:10	16:30	The Sargasso platform – a follow-up	Andreas Bach (RISE - Research Institutes of Sweden)
16:30	16:45	Welcome at the Fraunhofer IFAM	Markus Brede (Fraunhofer IFAM)
16:45	17:00	Welcome at the the Fraunhofer IFAM	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	
09:00	09:10	Arrival and registration	
09:10	09:30	Lightweight Engineering – Hype vs. real industrial demands	Dr. Thomas Heber (Leichtbauzentrum Sachsen)
09:30	10:10	Development and Approval of the first GRP car ferry in Norway	Knut Inge Edvardsen (cDynamics) & Kujtim Ukaj (RISE - Research Institutes of Sweden)
10:10	10:40	Coffee break	
10:40	11:00	Lightweight FRP T-Boom prototype	Siebert Frieling (Ampelmann Operations)
11:00	11:30	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)
11:30	11:45	Q&A	
11:45	12:30	Lunch Break	Provision of lunch packages "to go" for the tour (tbc!)
12:30	16:30	Industry tours	Industry tours to Daimler, Airbus or a shipyard (tbc)*

\*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.

## Hotel Recommendations

### Business rate

single: € 93

double: € 123

breakfast incl.

### Economy rate

single: € 74

double € 95

breakfast: € 9/p.P.

Booking reference: "IFAM"



Atlantic Hotel Universum\*\*\*\*

Wiener Strasse 4

28359 Bremen

Munte am Stadtwald\*\*\*\*S

Parkallee 299

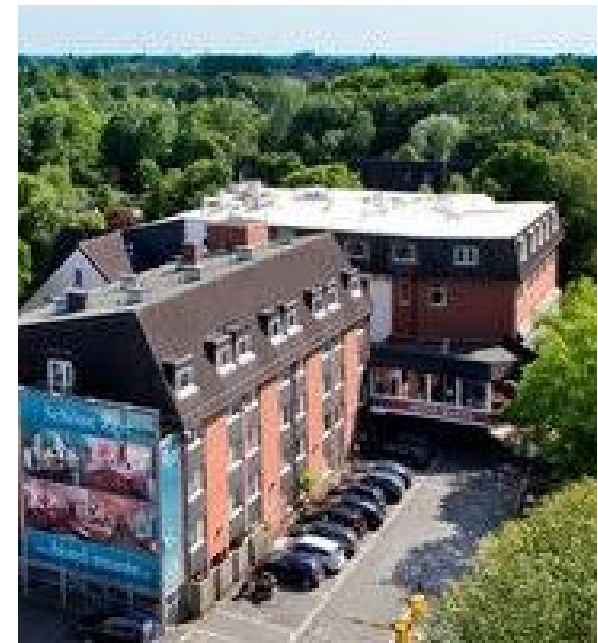
28213 Bremen

single : € 99 / €121

double: € 119 / € 141

(standard / deluxe)

Booking reference: "Fraunhofer"





# Hotel Recommendations

## 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](mailto:ladage@cmt-net.org) / [alexander.hertzberg@ri.se](mailto:alexander.hertzberg@ri.se)



**Looking forward to  
seeing you in Bremen**

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