



Source: JEC Europe

# **Invitation to the workshop**

## **“Shipbuilding of the future”**

### **Innovative materials and production**

**When: June 20<sup>th</sup> – June 21<sup>st</sup>, 2016**

**Where: Hotel “Alte Werft”, Papenburg, Germany**

#### **PURPOSE OF THE WORKSHOP**

The European Maritime Industry is a leading developer and producer of highly complex, one-off products. European-built ships and offshore structures are “XXL” products which have to perform challenging missions, thereby withstanding harsh and hazardous environments. To maintain and extend its market position, system integrators and producers constantly need to adopt and apply newest technology.

At the same time, Europe is home of various key technology providers that offer high end solutions for manufacturing technology, production management and material sciences. The ongoing dynamic development in various disciplines (e.g. additive manufacturing and automation, Industrie 4.0, smart materials) is generating a wealth of opportunities for innovation in production.

The workshop will bring together key technology providers and their potential end users, and provide an opportunity to initiate cooperation. Shipyards and their partners will introduce successful innovation measures already implemented. This part of the programme includes a guided tour to Meyer Werft, one of the leading European shipyards. Technology providers will present mature technologies that have a high potential to further improve the leading position of Europe’s maritime industry. Opportunities will be given to initiate cooperation, discussions and networking.

Among the speakers will be presenters from European Shipyards, material research networks, production equipment manufacturers and research institutes.



# PROGRAMME

**Day 1, June 20<sup>th</sup>, 2016**

## MESA Workshop

**09:00 am – 10:15 am:** Welcome addresses

- Peter Crawley, DG Research and Innovation, European Commission
- Dr. Frank Roland, Managing Director, Center of Maritime Technologies e.V.
- MEYER WERFT GmbH & Co. KG

**10:15 am – 12:15 pm:** MESA workshop

- Short introduction of MESA project and Thematic Technology Group on “Materials and Production”
- Presentations on approach, findings and research priorities of MESA

***The MESA workshop is free of charge and also open for participants outside the MESA partnership***

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**12:15 pm – 13:00 pm:** Light lunch for all participants (MESA & Workshop “Shipbuilding of the future”)

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## Workshop “Shipbuilding of the future” (Part 1)

Session 1: *“Innovative lightweight structures”*

**13:00 pm – 14:15 pm:** Introduction from the maritime perspective

- Keynote speech (*Kees Custers, Damen Shipyards Gorinchem*)
- Short presentations on success and challenges

**14:15 pm – 15:15 pm:** Introduction from the perspective of enabling technologies

- Keynote speech (*Prof. Dr.-Ing. Axel Herrmann, CFK Valley e.V.*)
- Short presentations on enabling technologies

**15:15 pm – 16:00 pm:** Panel discussion

**16:00 pm – 16:30 pm:** Coffee break

**16:30 pm – 19:00 pm:** Transfer to Meyer Werft & guided tours

**19:00 pm – 19:30 pm:** Transfer back to “Hotel Alte Werft”

**19:30 pm – 22:00 pm:** Get together and dinner at “Hotel Alte Werft”

END of DAY 1



# PROGRAMME

**Day 2, June 21<sup>st</sup>, 2016**

## Workshop “Shipbuilding of the future” (Part 2)

### Session 2: “Shipbuilding 4.0” (digitisation)

**08:30 am – 09:30 am:** Introduction from the maritime perspective

- Keynote speech (*Prof. Dr.-Ing. Martin-Christoph Wanner, Fraunhofer Application Center Large Structures in Production Technology AGP*)
- Short presentations on success and challenges

**09:30 am – 10:30 am:** Introduction from the perspective of enabling technologies

- Keynote speech (Siemens Industry Software GmbH & Co. KG, Digital Factory Division) (requested)
- Short presentations on enabling technologies

**10:30 am – 11:00 am:** *Coffee break*

### Session 3: “Automated manufacturing and assembly”

**11:00 am – 12:00 pm:** Introduction from the maritime perspective

- Keynote speech (Fincantieri S.p.A.)
- Short presentations on success and challenges

**12:00 pm – 13:00 pm:** Introduction from the perspective of enabling technologies

- Keynote speech (to be defined)
- Short presentations on enabling technologies

**13:00 pm – 14:00 pm:** *Lunch*

**14:00 pm – 15:00 pm:** Panel discussion

**15:00 pm – 15:30 pm:** Networking opportunities (Technology Transfer, SMARTYards Network)

**15:30 pm:** End of the workshop

END of DAY 2

#### Participation fee:

325 € Members (CMT, CFK Valley e.V., EFFRA)

450 € Non-Members

All speakers of short presentations can register for the member fee of 325 €.





Source: [www.hotel-alte-werft.de](http://www.hotel-alte-werft.de)

## FURTHER INFORMATION

### ACCOMODATION

CMT has reserved rooms at the same hotel where the event will take place:

**Hotel Alte Werft** GmbH & Co.KG

Ölmühlenweg 1

26871 Papenburg

Telefon: +49 4961 9 20-0

Telefax: +49 4961 92 01 00

Email: [rezeption@hotel-alte-werft.de](mailto:rezeption@hotel-alte-werft.de)

**Special rate** for a standard room for single use: 84,00 € per room and night (including an extensive breakfast buffet)

**Special rate** for a standard double room: 121,00 € per room and night (including an extensive breakfast buffet)

**This offer is valid until June 6<sup>th</sup>, 2015**

Please leave a note with your reservation that rooms are reserved by CMT (Keyword **“Joint Workshop”**)

For more information, please have a look at [www.hotel-alte-werft.de/en/](http://www.hotel-alte-werft.de/en/)

### OTHER HOTELS IN PAPENBURG

- ❖ Park Inn by Radisson Papenburg ([www.pi-papenburg.de](http://www.pi-papenburg.de))  
Hauptkanal rechts 7, 26871 Papenburg
- ❖ KEDI Hotel Papenburg ([www.kedihotels.de](http://www.kedihotels.de))  
Deverweg 33 – 37, 26871 Papenburg

### HOW TO REACH PAPENBURG

The closest airport is Bremen (120 km). From there, it is recommend to rent a car to Papenburg or take the train from Bremen via Leer to Papenburg.

Other airports (within driving distance) are

- ❖ Airport Hamburg-Fuhlsbüttel (230 km)
- ❖ Airport Hannover-Langenhagen (220 km)
- ❖ Airport Amsterdam Schiphol (260 km)

*Please use the following link to register for the workshop:*

<https://workshopshipbuilding.eventbrite.de>

*For further questions regarding your registration, please contact Meike Neufeld ([neufeld@cmt-net.org](mailto:neufeld@cmt-net.org)) or Grit Ladage ([ladage@cmt-net.org](mailto:ladage@cmt-net.org)).*

