

Shipbuilding of the future – Innovative materials and production



SAVE THE DATE

Center of Maritime Technologies e.V., CFK Valley e.V., the European Factories of the Future Research Association (EFFRA) and the Fraunhofer Application Center for Large Structures in Production Technology (Fraunhofer AGP) cordially invite to a workshop aiming at materials and production innovation in the Maritime Industry.

The workshop will take place in Papenburg, Germany on June 20-21, 2016.

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.

EU Project CableBOT: www.cablebot.eu



The planned 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.

PLANNED PROGRAMME

- **June 20**

- Block 1 – **Priority Topics in European Ship production innovation** (findings of the EU project MESA)
- Block 2 – Technology oriented session: **Innovative lightweight structures**
- Guided tour – Meyer Werft
- Get together, food and drinks

- **June 21**

- Block 3 – Technology oriented session: **Shipbuilding 4.0**
- Block 4 – Technology oriented session: **Automated manufacturing and assembly**
- Block 5 – Networking oriented session: **Technology Transfer / SMARTYards, a sustainable network for cooperation**

FURTHER INFORMATION

The MESA workshop ('block 1') will be free of charge. For the subsequent blocks, a participation fee will be charged.

A detailed programme and 'how to register' will be provided by the organisers in due time. If you wish to receive more information, please contact Matthias Krause (krause@cmt-net.org) and Meike Neufeld (neufeld@cmt-net.org).

