

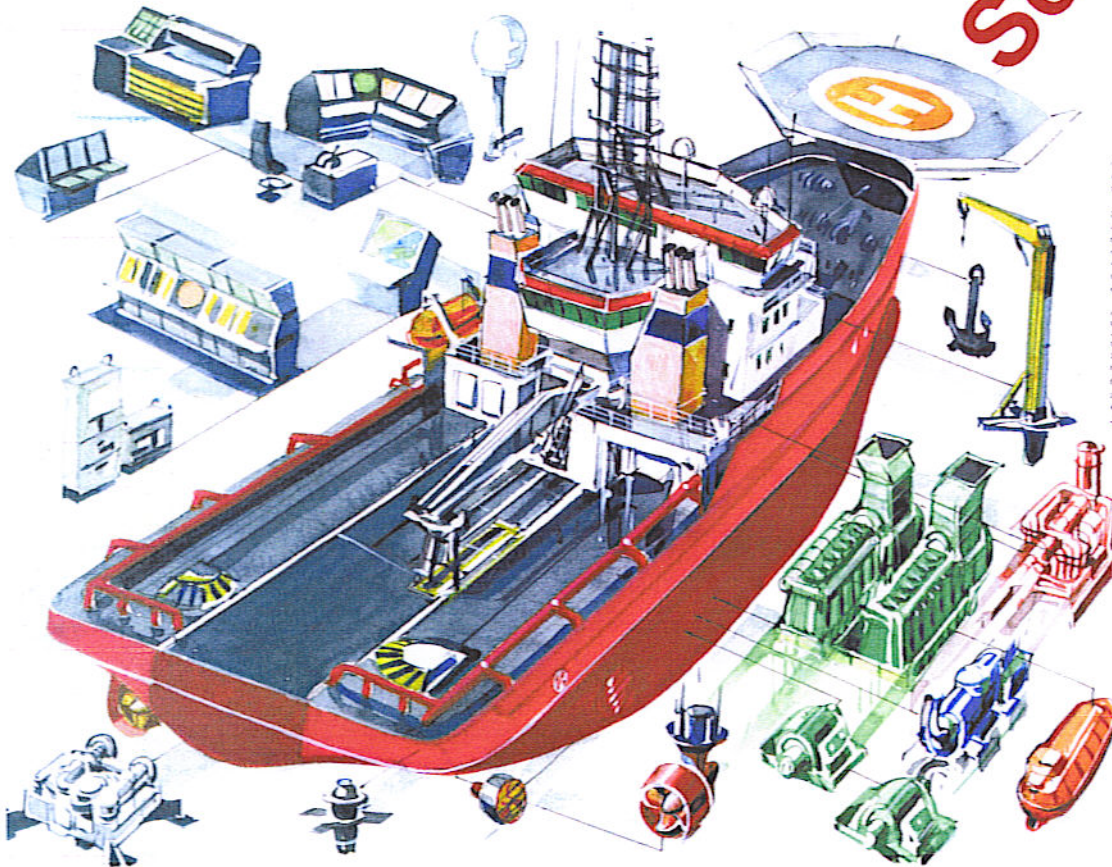
# 4<sup>th</sup> European Conference on Production Technologies in Shipbuilding

– ECPTS 2010 –

## Outfitting in Ship Production

April 29 – 30, 2010  
Papenburg – Germany

**Scholarships**



Who especially Students of Naval Architecture and Marine Technology  
What Fee waiver + 400 € travel, accommodation allowance  
How Please send your application with  
1. a short CV *and*  
2. a letter of recommendation to: [organisation@ecpts.de](mailto:organisation@ecpts.de).

Deadline April 1 2010

Additional information: [www.ecpts.de](http://www.ecpts.de)

or  
(+49) 0381 / 498 9273 - [jonas.wagner@uni-rostock.de](mailto:jonas.wagner@uni-rostock.de)

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15 papers by international experts – social events – technical tour of Meyer Werft

## Registration

Please send the attached registration form to the ECPTS 2010 Secretariat **by 8 April 2010**. The form can also be downloaded from the website [www.ecpts.de](http://www.ecpts.de).

## Registration Fee (tax included)

Members of CMT, STG, VDI, RINA, IMarEST	350,00 EUR*
Non-Members	450,00 EUR
Unemployed / Senior	100,00 EUR*
Regular Students	100,00 EUR*
Students (Members of STG, VDI)	50,00 EUR*

\* Please provide corresponding documents.

Registration fee includes printed conference proceedings, lunch, refreshments, reception and dinner.

Please transfer the registration fee by 8 April 2010 to:

Recipient: VDI BV M-V e.V.  
Bank: Deutsche Bank PGK AG, Rostock  
IBAN: DE45 1307 0024 0126 6014 00  
SWIFT: DEUTDEBROS  
Account No. 126601400 / BLZ: 130 700 24  
Reference: ECPTS 2010 / < Full Name >

## Terms of Cancellation

By 12 April 2010 - 50% cancellation fee, no reimbursement of fee after this date. Delegates may be substituted; this must be sent in writing and confirmed with the ECPTS Secretariat.

## Conference Language

English

## Accommodation

Please arrange your own booking. You may contact [www.papenburg-tourismus.de](http://www.papenburg-tourismus.de) or [www.hotel-alte-werft.de](http://www.hotel-alte-werft.de). For special conditions at the Hotel Alte Werft please quote "4. ECPTS".

For details on travel and accommodation please see the website [www.ecpts.de](http://www.ecpts.de) and the local Tourist Information [www.papenburg-tourismus.de](http://www.papenburg-tourismus.de).

## Venue of Conference, Reception and Dinner

**Hotel Alte Werft**  
Ölmühlenweg 1  
26871 Papenburg  
Germany  
Phone: (+49) 0 4961-9200  
Fax: (+49) 0 4961-920-100  
E-Mail: [rezeption@hotel-alte-werft.de](mailto:rezeption@hotel-alte-werft.de)



Courtesy of Hotel Alte Werft

## Additional Information

ECPTS Secretariat  
Ms Margrit Roggenkamp  
Phone: (+49) 0 381-1285-123  
Fax: (+49) 0 381-1285-124  
E-Mail: [organisation@ecpts.de](mailto:organisation@ecpts.de)

## Media Partners



**Schiff&Hafen**

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## Technical Tour

**MEYER WERFT GmbH**  
Industriegebiet Süd  
26871 Papenburg  
Germany  
[www.meyerwerft.de](http://www.meyerwerft.de)



Courtesy of MEYER WERFT

## Sponsors



# 4. EUROPEAN CONFERENCE ON PRODUCTION TECHNOLOGIES IN SHIPBUILDING

## Outfitting in Ship Production



**29 and 30 April 2010**

**Hotel Alte Werft Papenburg, Germany**



[www.ecpts.de](http://www.ecpts.de)

# Outfitting in Ship Production

The competitiveness of the European shipbuilding industry is mainly influenced by the productivity of outfitting processes and the quality of equipment systems. For high-specialised ships like cruisers, ferries or product tankers these processes and systems represent about 70% of the total added value.

The close co-operation between shipbuilding suppliers and shipyards is therefore more and more important.

The Meyer Werft GmbH as one of the most successful shipyards for cruise liners worldwide will give a perfect background for the topics of this conference.

The ECPTS 2010 will focus on:

- Integration of outfitting and production processes
- Integration of equipment systems
- Optimisation of co-operation between supplier and shipyard (supply chain management)
- Modularisation of equipment systems

## Programme on Thursday, 29 April 2010

**10:00 – 16:00 Registration**

**12:00 Coffee and Sandwiches**

**14:00 Welcome - Opening of the ECPTS 2010**

Michael Nelles  
Chairman of Association of German Engineers (VDI) Western Pomerania

Bernard Meyer  
Managing Director MEYER WERFT

Alexander Nürnberg  
Chairman German Marine and Offshore Equipment Industries (VDMA)

**Challenges for the Marine Industry until 2015**

## Session 1

**14:30 MEYER WERFT's Regional Supplier Network**

Ralf Sempf  
MEYER WERFT

**15:00 HVAC Equipment and Outfitting Integration in close Co-Operation between MEYER WERFT Shipyard and Imtech**

Stefan Schleper  
ImTech

**15:30 The Next Step in Engine Room Modularization**

Gerold Vetter  
m. a. s. maritime assembly systems

**16:00 Coffee Break**

## Session 2

**16:30 Providing the Missing Link - Integration of Different CAD and CAM Systems to a Corporate Toolset for the Design and Manufacturing of Ship Outfitting**

Matthias Baumann, Folgert Smidt,  
Friedhelm Stevens  
TKMS BVN  
Jochen Bauch, Matthias Grau, Carsten Zerbst  
PROSTEP

**17:00 Simulation of Outfitting Activities**

Dirk Steinhauer  
Flensburger Schiffbau-Gesellschaft

**17:30 An Early Stage Schedule Generating Model for Shipbuilding**

Kees Meijer, Jeroen Pruy  
Delft University of Technology  
John Klooster  
IHC Krimpen Shipyard

**20:00 Reception and Conference Dinner**

Hotel Alte Werft

## Programme on Friday, 30 April 2010

### Session 3a (parallel to Session 3b)

**09:00 Integration of Outfitting Functionalities into Lightweight Structures**

Frank Roland, Matthias Krause, Erwan Juin  
Center of Maritime Technologies

**09:30 Implementation of Lightweight Sandwich Panels for Car Deck Structures**

Đani Dundara, Vito Radolović  
ULJANIK Brodogradilište

**10:00 Alternative Joining Procedures in Outfitting Processes**

Martin-Christoph Wanner, Normen Fuchs,  
Knuth-Michael Henkel  
Fraunhofer Application Center

**10:30 Coffee Break**

### Session 3b (parallel to Session 3a)

**09:00 Raising Trust in Software-Dependent Systems in Maritime Applications Assessing and Improving Processes in the Maritime Industry**

Thierry Coq, Jan H. Haul  
DNV IT Global Services

**09:30 Virtual Reality as an Efficient Planning Tool for Outfitting Processes**

Axel Friedewald  
Hamburg University of Technology

**10:30 Coffee Break**

### Session 4

**11:00 Enabling the Highest Levels of Productivity on Outfit Intensive Ships through the Use of a Spatial Design Methodology**

Malcolm Bell, Max van Someren  
First Marine International Advisory Group

**11:30 Design Process for Integrating an Exhaust Gas Scrubber System**

Jens-Uwe Hevernick  
Wismarer Ingenieurgesellschaft

**12:00 LNG Containment System Constructed of Aluminium and its Installation**

Burghard Zimmermann, Reinhard Schollenberg  
Nordic Yards

**12:30 Closure**

**13:00 Lunch**

**14:45 Bus leaving from conference venue for technical tour of the MEYER WERFT Shipyard**

**17:00 Returning at conference venue Hotel Alte Werft**