

REGISTRATION

For registration please see the website www.ecpts.org to download and return the registration form to the ECPTS Secretariat by **12 April 2012**. Online registration is also available.

REGISTRATION FEE (TAX INCLUDED)

Members of CMT, STG, VDI RINA, IMarEST	380,00 EUR*
Non-Members	480,00 EUR
Unemployed /Pensioner	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 12 April 2012 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 2012 / <Full Name>

TERMS OF CANCELLATION

By 16 April 2012 - 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.

ACCOMMODATION

Please arrange your own booking. You may contact Online Reservation at www.atlantic-hotels.de or www.bremerhaven-touristik.de. For special conditions at the ATLANTIC Hotel SAIL City until 26 February 2012 please quote "ECPTS 2012".

For details on travel and accomodation please see the website www.ecpts.org and the local Tourist Information www.bremerhaven-touristik.de.

CONFERENCE LANGUAGE

English

ECPTS SECRETARIAT

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CONFERENCE VENUE

ATLANTIC Hotel SAIL City Conference Center

Am Strom 1
27568 Bremerhaven
Germany
www.atlantic-hotels.de

Phone: +49 (0) 471 30 990-0
Fax: +49 (0) 471 30 990-555
Bookings: +49 (0) 471 30 900-500
sailcity@atlantic-hotels.de



Courtesy of ATLANTIC Hotel Sail City

RECEPTION AND CONFERENCE DINNER

Strandhalle Bremerhaven www.strandhalle-bremerhaven.de



Courtesy of Strandhalle Gastronomie GmbH

SHIPYARD TOUR

27th afternoon: Optional visit of

Lloyd Werft Bremerhaven GmbH www.lloydwerft.com



Courtesy of Lloyd Werft Bremerhaven GmbH

or

MWB Motorenwerke Bremerhaven AG www.mwb.ag



Courtesy of MWB Motorenwerke Bremerhaven AG



5. EUROPEAN CONFERENCE ON PRODUCTION TECHNOLOGIES IN SHIPBUILDING



Innovative and Integrated Life Cycle Processes

26 and 27 April 2012

ATLANTIC Hotel SAIL City
Bremerhaven, Germany



www.ecpts.org



ECPTS 2012

Innovative and Integrated Life Cycle Processes

The competitiveness of the European shipbuilding industry is mainly influenced by innovative products and an outstanding productivity in all processes. A life cycle view on the product itself but also on services provided play an increasingly important role in the maritime business. The integration of innovative designs, cost effective production and efficient as well as safe operation is regarded an important strategic approach. The close co-operation between shipyards, the marine and offshore equipment industry and operators is therefore increasingly important.

The ECPTS 2012 will focus on a full range of topics related to

● **Processes and Technologies**

- ➔ Design for life cycle which includes
 - ⇒ Design for optimized life cycle performance
 - ⇒ Modular design for easy refurbishment
- ➔ Life Cycle Management Processes
 - ⇒ for ships and offshore structure systems
 - ⇒ with integrated condition monitoring
 - ⇒ considering the experience in operation of ships and offshore wind farms

● **Concepts and solutions for integrated life cycle services**

- ⇒ Process integration and information exchange
- ⇒ Business concepts along the life cycle

The event will attract a large international audience with senior level representatives from shipyards, marine equipment and offshore suppliers, service providers, classification societies, design agents, shipping companies, research institutes and universities. It provides a forum and means of professional development for all parties interested in ship design and production including life cycle services.

Thursday, 26 April 2012

10:00 - 17:00 Registration

11:30 **Coffee and Sandwiches**

13:00 **Welcome - Opening**

Michael Nelles
Chairmann Association of German Engineers (VDI)
Mecklenburg-Western Pommerania

Jürgen Gloystein
CEO MWB Motorenwerke Bremerhaven AG

Ulrich Förster
Senior Vice President Lloyd's Register EMEA
Sustainable Asset Management of the Maritime Industry - Balancing Short Term Imperatives with Life Cycle Needs

Session 1

14:00 **Hydrodynamic Optimisation for Life Cycle Performance**
Uwe Hollenbach
Hamburg Ship Model Basin

14:30 **Reducing the Cost of Ballast Tank Corrosion through Innovative Ship Design: an Economic Modeling Approach**
Kris De Baere, Helen Verstraelen, Philippe Rigo, Silvia Lenaerts, Geert Potters
Antwerp Maritime Academy, University of Liège

15:00 **Containerized Cabin Concept to Reduce the Effort for Cabin Refurbishments**
Michael Bastwöste, Thomas Witolla, Hans Osterkamp
Meyer Werft

15:30 **Coffee Break**

16:00 **Photo Session**

Session 2

16:30 **Life Cycle Costing - Opportunities and Challenges to Safe Money in Diesel Engine Operation**
Heiko Schmidt
MAN Diesel & Turbo SE

17:00 **LNG fuelled ships – Experiences from Operations for Consideration in the Life Cycle**
Jan Tellcamp
Det Norske Veritas

17:30 **Life Cycle Management for Marine Propellers**
Jörn Klüss, Lars Greitsch
Mecklenburger Metallguss

18:00 **Life Cycle Management of Offshore Wind Farms - Reducing Options Means Increasing Risks**
Christoph Römling
GL Garrad Hassan

20:00 **Reception and Conference Dinner**
Strandhalle Bremerhaven

Friday, 26 April 2012

Session 3

09:00 **Benefits of Life Cycle Information for Hull Integrity Management**
Uwe Langbecker, Christian Cabos
Germanischer Lloyd

09:30 **Concepts for Integrated Condition Monitoring**
Sylvain Branchereau, Guillaume Babin, Pierre Berseneff
STX France

10:00 **Methods, Tools and Processes to Support 3D Based Condition Monitoring for Plant and Ship Operators**
David Thomson
AVEVA

10:30 **Supply Chains in the Maritime Industry based on 3D PDF Documents**
Gerold Willmes, Matthias Grau, Peter Pfalzgraf
PROSTEP

11:00 **Coffee Break**

Session 4

11:30 **DIS – Digital Information System for Updated and Available Technical Information**
Mikael Nordström
ThyssenKrupp Marine Systems – Kockums Sweden

12:00 **Life Cycle Performance Assessment as Decision Support for Ship Design**
Niklas Fischer
BALance Technology Consulting

12:30 **Aiming for Paradigm Change in Maritime Life Cycle Services**
Lars Wagner, Frank Roland
Center of Maritime Technologies
Thomas Reinert
Meyer Werft
Niklas Fischer
BALance Technology Consulting

13:00 **Scenario Methods to Predict the Ship's Life Cycle in the Design Process**
Jonas Wagner, Robert Bronsart
University of Rostock

13:30 **Closure**

13:45 **Lunch and Refreshments**

14:30 **Buses leaving from conference venue for technical tour of the**
♦ Lloyd Werft Bremerhaven
or
♦ MWB Motorenwerke Bremerhaven

16:30 **Returning at conference venue**
ATLANTIC Hotel SAIL City

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