

Objectives

The V Conference on Computational Methods in Marine Engineering (Marine 2013) will be organized in Hamburg, Germany, on 29-31 May 2013. The previous conferences of these series were held in Oslo (Norway) on 27-29 June 2005, in Barcelona (Spain) on 5-7 June 2007, in Trondheim (Norway) on 15-17 June 2009 and in Lisbon (Portugal) on 28-30 September 2011.

The objective of Marine 2013 is to be a meeting place for researchers developing computational methods and scientists and engineers focusing on challenging applications in marine engineering.

By marine engineering we include applications within the maritime and offshore industry as well as scientific and engineering challenges related to the marine environment and its logistics. The conference goal is to make a step forward in the formulation and computational solution of marine engineering problems accounting for all the complex couplings involved in the physical and practical aspects of the problems.

Important Dates

Deadline for presenting one page abstract	15 October 2012
Acceptance of the contributions	19 November 2012
Deadline for submitting the paper and early payment	18 February 2013

Location

The conference will take place on May 29-31 of 2013 at the house of the "Patriotische Gesellschaft", located in the heart of Hamburg, only a few minutes walking distance from mayor shopping areas, the lake Alster and the port.

About Hamburg

Hamburg, gateway to the world, a gem in the far north of Germany, the green city by the water is justly considered one of Germany's most attractive cities. Even the normally reserved locals find it hard to conceal their pride in their home city, its flair and its maritime charm. From the river Elbe, Alster lake and HafenCity to the warehouse district, fish market and Reeperbahn – every day there's something new to discover.

Organizing Committee

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Wolfgang Fricke, Technical University Hamburg Harburg (TUHH), Germany
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T. Moan , Norway	C. Yang , USA
A. Monferrer , Spain	T. Yao , Japan
E. Montseny , Spain	

Conference Topics (the list is not exhaustive)

- Advances in numerical methods for marine engineering
- Algorithms for multidisciplinary problems in marine engineering
- Computational environmental mechanics in marine problems
- Computational methods in harbor engineering
- Fluid-structure-interaction
- Logistics in marine engineering
- Marine engineering applications
- Offshore windfarms
- Safety in marine engineering
- Sea pipes and anchoring systems
- Ship hydrodynamics
- Structural analysis of marine structures
- Vortex induced vibrations. Slamming. Sloshing. Green Water



Marine 2013

29-31 May 2013, Hamburg, Germany

How to register and submit contributions

Authors are invited to submit their contributions on any of the conference topics. Submission of contributions and conference registration should be performed electronically via the conference web site.

<http://congress.cimne.com/marine2013>

