2nd ANNOUNCEMENT AND CALL FOR PAPERS

11th INTERNATIONAL MARINE DESIGN CONFERENCE

11-14 June 2012, Glasgow, UK

The aim of the International Marine Design Conference (IMDC) is to promote all aspects of marine design as an engineering discipline. The 11th Conference, IMDC2012, organised by the University of Strathclyde, Department of Naval Architecture and Marine Engineering, will support and further this aim through a strong technical programme with contributions from both industry and academia around the world. The focus will be on key design challenges and opportunities in today’s rapidly changing marine environment and marketplace, with special emphasis on sustainable design of vessels and other marine assets.

IMDC2012 CALL FOR PAPERS

Abstracts are to be submitted by 15 September 2011 through the Conference website, www.imdc2012.org.uk

Abstracts must be submitted in PDF format. The abstract should have an approximate length of 200-400 words and must clearly indicate the contents and contribution of the paper. Provisional acceptance of the papers will be made by the IMDC International Committee on the basis of the abstracts. Final acceptance will be given after review of the draft paper. The language of the conference is English. All papers will be peer reviewed by members of the International and local IMDC2012 Committees before the final acceptance and publication in the Conference proceedings.
IMDC INTERNATIONAL COMMITTEE

http://www.imdc.cc/

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PREVIOUS CONFERENCES

The locations of previous IMDC conferences have been:

1982  London, UK
1985  Lyngby, Denmark
1988  Pittsburgh, USA
1991  Kobe, Japan
1994  Delft, The Netherlands
1997  Newcastle, UK
2000  Kyongju, Korea
2003  Athens, Greece
2006  Ann Arbor, MI, USA
2009  Trondheim, Norway

IMDC TECHNICAL PROGRAMME

The following topics are considered relevant to the conference:

- Sustainable design of ships, marine assets and complete logistics systems
- Design methodology, new design approaches, simulation in design, optimisation, modularisation, industrialisation
- “Design-for-X”, i.e. involving aspects of safety, energy efficiency, environmental performance, production, operation, human factors into early stages of design
- Novel and improved designs, industry design case studies for both naval and commercial vessels and assets: bulkers, tankers, containerships, cruise ships, LNG, naval vessels, high speed craft, offshore assets, renewables, etc.
- Ship propulsion, machinery systems and other ship systems design
- Hydrodynamic and hull form design
- Structural design
- Computer applications in design, CAD CAM
- Design for Arctic Waters and other harsh environments
- External design requirements, developments in class and statutory rules
- Alternative Design and Arrangements
- Fleet design and maritime logistics
- Marine design education

KEYNOTES

Throughout the Conference, a number of keynotes speeches on central topics will be delivered by leading design experts from industry and academia, covering broad and specific aspects of the design process.
STATE-OF-THE-ART PAPERS

State-of-the-art papers will be presented on the following topics:

- Design methods
- Design optimisation
- Design for X
- Vessel technology developments
- Integrated Design Environments

KEY DATES

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EVENING PROGRAMME

10 June  Registration and drinks reception hosted by the Department of Naval Architecture and Marine Engineering
11 June  Reception and dinner in Glasgow City Chambers, accompanied by live performance of traditional Scottish music and songs
12 June  Drinks reception and dinner at the Trades Hall of Glasgow
13 June  Conference dinner in the Barony Hall, followed by a Ceilidh

VENUE

IMDC 2012 will take place in Glasgow, the largest city in Scotland and only 70 km west of the capital, Edinburgh. With three international airports Glasgow is Scotland’s most accessible destination, just 1 hour from London and an average journey time from continental Europe of 2 hours.

Glasgow is a distinctly cosmopolitan city with beautiful architecture and numerous cultural attractions; combined with some of the world’s most breathtaking scenery just half an hour away.

Glasgow’s rich and varied history stretches back almost two thousand years. Originally a small salmon-fishing village at a crossing point on the River Clyde, Glasgow has been shaped by worldwide trade and heavy industry to become a truly International City.
The Conference venue is at the University of Strathclyde Campus, located in the centre of the city. A preliminary programme and information about hotel reservations, recommended transportation, online registration, pre- and post-Conference tours as well as an accompanying persons’ programme can be found at the Conference website: www.imdc2012.org.uk

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