IMDC 2015
12th INTERNATIONAL MARINE DESIGN CONFERENCE
TOKYO

FIRST ANNOUNCEMENT AND CALL FOR PAPERS
12th INTERNATIONAL MARINE DESIGN CONFERENCE
11 - 14 MAY 2015, Tokyo, Japan
The aim of the International Marine Design Conference (IMDC) is to promote all aspects of marine design as an engineering discipline. The 12th IMDC Conference, organized by The University of Tokyo and Yokohama National University, 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 maritime marketplace, with special emphasis on sustainable design of vessels and fleet.

**IMDC2015 1st CALL FOR PAPERS**

Abstracts are to be submitted by 15 July 2014 through the conference website, [www.nak.t.u-tokyo.ac.jp/imdc2015/](http://www.nak.t.u-tokyo.ac.jp/imdc2015/)

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 IMDC2015 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 the IMDC2015 Editorial Board before the final acceptance and publication in the conference proceedings.

**IMDC INTERNATIONAL COMMITTEE**

Apostolos Papanikolaou, Professor [Chairman]
National Technical University of Athens
Ship Design Laboratory

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Department of Mechanical Engineering

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Hans Hopman, Professor [member]
Delft University of Technology
Marine and Transport Technology

Per Olaf Brett, Dr. [member]
Deputy Managing Director
Ulstein International AS
PREVIOUS CONFERENCES

Previous IMDC conferences were held as follows:
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
2012 Glasgow, Scotland

IMDC TECHNICAL PROGRAMME

The following topics are considered most relevant to the conference:
- Sustainable design of ships, of fleet and complete logistics systems
- Design methodology, new design approaches, simulation in design, optimization, modularization
- "Design-for-X", i.e. involving aspects of safety, production, operation, risk in the early stages of design
- Novel and improved designs, industry design case studies for both naval and commercial vessels (bulkers, tankers, containerships, cruise ships, LNG carriers, naval vessels, high speed vessels, offshore platforms, etc.)
- Ship propulsion, machinery systems design
- Hydrodynamic and hull form design
- Structural design
- Computer applications in design, CAD, PDM
- Design for Arctic Waters and other harsh environments
- External design requirements, developments in class and statutory rules
- Fleet design and maritime logistics
- Marine design education
- State-of-the-art reports to be presented and discussed. Invited keynote speeches.

KEYNOTES

Throughout the conference, a number of keynote 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

- Design for X
- Risk Based Design
- Ship Design Implications of EEDI
- Renewable Energy
- Offshore Experiment
- Container Ship Design
- LNG Ship Design

KEY DATES

Abstract submission 15 July 2014
Abstract acceptance 25 September 2014
Draft paper submission 15 December 2014
Paper acceptance and review 16 February 2015
Final paper submitted 16 March 2015
Early Registration deadline 25 March 2015
IMDC 2015 11-14 May 2015
VENUE

The venue of the conference will be Ito International Research Center of The University of Tokyo (Hongo Campus) located at the centre of Tokyo (Bunkyo-ku).

**Ito International Research Center**: near the "Akamon" ("red gate") campus entrance gate. (No.30 in the map of following URL)
www.u-tokyo.ac.jp/en/about/documents/Hongo_CampusMap_E.pdf

**From Narita Airport**

<table>
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<tr>
<th>By Train</th>
<th>Take the Keisei line <em>Skyliner</em> (about 45 minutes) to KEISEI-UENO station, from where it is a short taxi ride. Take the Narita Express train to TOKYO station (about 60 minutes), and take taxi to the campus. It is about 30 minutes ride.</th>
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<td>By Limousine Bus*</td>
<td>Airport Limousine Buses both available from Terminal 1 and Terminal 2 (approximately 120 minutes ride, cost JPY 3,100). Get off the bus at TOKYO station and take the subway, Marunouchi-line (bound for IKEBUKURO station), and get off at HONGO-SANCHOME station, from where it is a few on foot to the campus.</td>
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**From Haneda Airport**

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<th>By Train</th>
<th>Take the train, Keikyu-line to SHINAGAWA station, or take the Tokyo Monorail to HAMAMATSUCHO station from where you take the JR Yamanote line to Tokyo Station. From TOKYO station, take the subway Marunouchi-line (bound for IKEBUKURO station), and get off at HONGO-SANCHOME Station, from where it is a few on foot to the campus.</th>
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<td>By Limousine Bus*</td>
<td>Approximately 40 minutes ride and cost JPY 720. Get off the bus at TOKYO station and take the subway Marunouchi-line (bound for IKEBUKURO station), and get off at HONGO-SANCHOME station, from where it is a few on foot to the campus.</td>
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* Please purchase the bus tickets in advance at the bus ticket counters located inside the terminal building. Bus stop, departure time and your destination are printed on your boarding ticket. Please check your boarding ticket before proceeding to the bus stop.

A preliminary programme and information about hotel reservation, recommended transportation etc can be found at the conference website, www.natl.t.u-tokyo.ac.jp/irmdc2015/

*Akamon* ("red gate"), The University of Tokyo

**CONFERENCE SECRETARIAT**

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