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Important Dates

Deadline for Abstracts (300 words): 1 November, 2011
Notification of Abstracts Acceptance: 1 December, 2011

Deadline for Full Papers: 15 January 2012
Notification of Full Paper Acceptance: 1 March 2012
Deadline for Final Version of Full Paper: 1 April 2012
Deadline for Registration: 1 April 2012
Conference: 25-28 June 2012

First Call for Papers

International Conference on Maritime Technology (ICMT2012)

25-28 June 2012 Harbin, Heilongjiang, P. R. China

The Aim

Concern for the environment is ever increasing. In order to improve environmental sustainability, a greater understanding of the way maritime activities affect the marine environment is needed. This will in turn support the development of technologies in marine design, construction, operation, maintenance, and decommissioning, as well as in marine renewable and safe production of oil and gas. This conference therefore aims to gather operators, designers, constructors, marine scientists, regulatory authorities and researchers to discuss technological advancement and implementations that will lead to the reduction of negative impacts that marine activities have on the environment.

Conference Themes and Topics

Technologies for Green Ships

Green Ship Configuration Design for the Future; EEDI versus Safety Requirements; Energy Saving in Engines and Propulsion Systems; New Sources of Ship Power; Other Issues Concerning Green Ship Technology;

Naval Architecture

Naval Platforms; Global Support Systems; Naval Innovation; Electrical Systems; Modelling & Simulation; Modular Design; Underwater Vehicles, Auxiliaries;

Marine Engineering Systems

Propulsion Systems; Ship Motions; Navigation & Positioning Systems; Hydrodynamics Systems & Equipment; Materials, Composites & Corrosion; Fuels and Emissions; Marine Control Systems; Ballast & Water Management; Safety; Noise and Vibration Control;

Offshore Engineering

Design and Analysis of Deepwater Floating Structures; Motion and Dynamic Response of Floating Structures; CFD Modelling of Offshore Structures; Fluid-Structure Interaction Modelling; Design and Analysis of Station-Keeping Systems; Deepwater Floating Structures Modelling and Experiments; Riser & Pipeline VIV Experiments and Analysis

Marine Environment & Marine Renewables

Wave, Wind & Tidal Energy; Site Selection of Renewable Power Station; Climate Change; Reefs; Oil Spillage Cleaning Operations; Hydrates; EEZ Management; Protection of Marine Ecosystems; Effects and Mitigation of Carbon Capture and Storage; Underwater Mining; Policies and Measures of World in Exploitation and Utilization of Ocean Energy; Opportunities, Challenges and Policies in China in Exploiting Marine Renewable Energy; Marine Natural Reserves and Renewable Resources; Marine Environmental Policy; Marine Renewable Energy Policy; Maritime Safety and Security; Logistics and Supply Chain Management; Climate Change and Shipping; Port Management; Human Resources, Higher Education and Skills Training



Conference Proceedings and Post-Conference Journal Publication

About 20% excellent conference papers will be recommended to be published in *Ocean Engineering* and *Journal of Marine Engineering and Technology (IMarEST)*. Conference proceeding and CD (with ISBN) will be published by IMarEST, which is available for the conference participants.

Host University

Harbin Engineering University (HEU) is defining her distinctive position in the China's development strategy by specializing in shipping industry, ocean exploration and nuclear application. HEU is an important base for talent cultivation and scientific research in above fields for years, technologies of underwater vehicle, deepwater engineering, ship design and manufacture, ship mechanics etc. are in front fields in the world.



Travel

Located in the centre of Northeast Asia, Harbin is called the bright pearl on the Bridge of Eurasia Land, and it is also an important hub of Eurasia Land Bridge and air corridor. The special historical course and geographical position has contributed to Harbin, the beautiful city with an exotic tone, which not only brings together the historical and tourist city of northern ethnic minorities, but also combines western and eastern culture. It is a famous historical and tourist city in China, with many beautiful names such as "the City of Culture", "the City of Music", "Ice City", "A Pearl under the Neck of the Swan", "Eastern Moscow", and "Eastern Little Paris".

Harbin can be reached by flights and trains from many cities in China. There are frequent daily flights and trains from Beijing to Harbin. Flight time is about one and half hours. Train journey from Beijing to Harbin is about 8-12 hours.



Hotel Information

Transports from the following hotels will be arranged to and from the conference venue during the period of the conference. The hotels offer special rates for ICMT2012 participants.

Sinoway Hotel <http://www.sinowayhotel.com/>
Post Hotel <http://post.chinahotel.com/Default.aspx>

Conference Contact

For any inquiry about the conference, please contact one of the following:

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Abstract and Paper submission both to the followed email address:
maritimetech2012@hrbeu.edu.cn, maritimetech2012@gmail.com



Accompany Person Programme (To be announced)

Organised by

Harbin Engineering University (HEU)
University of Strathclyde (SU)



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