

FINAL ANNOUNCEMENT

INTERNATIONAL CONFERENCE ON SHIP & OFFSHORE TECHNOLOGY - INDIA 2011

"Technological Innovation in Shipbuilding"

8 - 9 December 2011, Kharagpur, India.

Organised by

The Royal Institution of Naval Architects

and

Department of Ocean Engineering & Naval Architecture, IIT Kharagpur.



Overview of the Conference

Today, the international maritime industry faces new challenges as it emerges from the global financial crisis. It is therefore understandable that the industry's priority and attention is on consolidation and continued survival. However, at such a time it is all the more important for the industry to look ahead in order to respond to the continuing challenges it will face from the increasing demands of operators, regulators and society for greater efficiency, safety and the protection of the environment, as it emerges from the current crisis. This response will require innovative thinking from all sectors of the maritime industry, and particularly those involved in ship design and construction.

The second International Conference on Ship & Offshore Technology - India 2011 will take "Technological Innovation in Shipbuilding" as its theme, and will bring together members of the international maritime industry to present and discuss the latest developments in the ship design and construction process which will provide the improvements in productivity and cost-competitiveness necessary to respond to the demand for lower cost of ownership and greater environmental sensitivity.



About IIT Kharagpur

Kharagpur is the fifth largest city of West Bengal. It was chosen as the location for the first campus of the Indian Institute of Technology (IIT). The IITs are the premier technical education institutes in India and are internationally recognised for their academic and technical excellence. IIT Kharagpur started in the old Hijli Detention Camp where some of India's great freedom fighters toiled and sacrificed their lives for Indian independence. The history of IIT Kharagpur is intimately linked with the history of the Hijli Detention Camp. This is possibly one of the very few Institutions anywhere in the world which started life in a prison house.

About Department of Ocean Engineering & Naval Architecture

The Department of Ocean Engineering & Naval Architecture established in 1952. During the nearly 60 years of its existence, the Department has made significant contributions to the development of shipbuilding and shipping industries in the country including the Indian Navy, Indian Coastal Guard, DRDO and other allied organisations.

Registration Fees

Registration fees will be as follows:

- | | |
|---|----------------------|
| • Delegates from India & SAARC countries | - INR 8000 |
| • Students delegates from India & SAARC countries | - INR 1500 |
| • Non-Indian delegates | - USD 400 |
| • Non-Indian student delegates | - USD.200 |
| • Accompanying person | - INR 4000 / USD 100 |

Registration fees will include the following:

- | | |
|-----------------------------------|------------------------------------|
| • Transport to and from Kolakata | • Conference proceedings |
| • Evening reception on 7 Dec 2011 | • Conference banquet on 8 Dec 2011 |



Register Interest

For online registration please visit <http://www.icsotindia.in> or visit RINA website

<http://www.rina.org.uk/icsotindia2011.html> and click on **REGISTER NOW**

Please login using your email id / password and enter your travel plans

Sponsors

- Ocean and Atmospheric Science & Technology Cell, New Delhi
- Naval Research Board, New Delhi
- Larsen & Toubro Shipbuilding Division, Chennai
- Pipavav Shipyard, Gujarat
- Garden Reach Shipbuilders & Engineers, Kolkata
- Goa Shipyard Limited, Vasco-da-gama, Goa
- Mazagon Dock Limited, Mumbai
- Indian Register of Shipping, Mumbai
- Bharati Shipyard Limited, Mumbai



Content

Papers are on the following topics:

- Design and construction of all ship types
- Corrosion and coating technology
- System integration
- Material developments; steels, alloys, composites, etc.
- Fabrication & welding technology
- Project management
- Quality assurance
- Regulation

Keynote speakers

- Prof Tae-wan Kim, Professor, Dept. of Naval Architecture and Ocean Engineering, Seoul National University
- Prof R A Shenoi, Lloyd's Register / Royal Academy of Engineering Research Professor, University of Southampton

List of abstracts accepted by the Technical Committee for presentation

No.	Title	Organisation
1	Sandwich Plate System (SPS) in Shipbuilding Applications	Daewoo Shipbuilding & Marine Engineering
2	Hull Integration and Reliability Studies of Topside Modules on Ship Shaped Offshore Floating Structures	Newcastle University Marine International-Singapore
3	Forced Vibration Analysis of Laminated Composite Stiffened Plates using Higher-Order Shear Deformation Theory	Motilal Nehru National Institute of Technology, Allahabad
4	Side Launching of Catamarans in Restricted Space	Corporated Shipyard Pvt. Ltd., Kolkata
5	Parametric Approach for Design & Analysis of Planing craft	Albatross Marine Design Co., Ltd
6	Effects of Wide-Gap Welding of Block Joints on the Fatigue and Fracture Behaviour	Hamburg University of Technology
7	Application of response surface method for the strength and reliability of stiffened cylinders in offshore marine structures.	University of Strathclyde, Glasgow
8	Investigation of Practical methods for introducing uniformity in the wake field for existing vessels	Bharati Shipyard Limited, Mumbai
9	Techniques to Improve the Interface between Design & Production in Shipbuilding	Indian Institute of Management, Lucknow
10	Technological Innovations & Best Practices in Shipbuilding: Competitively Positioning Indian Shipyards in the Global Context	Indian Institute of Management, Lucknow
11	Knowledge management in submarine and shipbuilding	Indian Navy
12	Zone wise Full-kit approach on ship outfitting	Larson & Toubro Limited, Mumbai
13	Design and Concurrent Manufacturing using Digital Solutions in Shipbuilding Industry	Larson & Toubro Limited, Mumbai
14	Measuring Effectiveness of Technology Employed in Shipbuilding Industry using Data Envelopment Analysis (DEA) Technique	Indian Navy
15	The Effect of Welding Sequences and Welding Tacks on Residual Stress in Stiffened panel Fabrication	Indian Institute of Technology, Guwahati
16	Iterative Laser Forming of Steel Plates for Generation of Compound Curved Surfaces used in Shipbuilding	Indian Institute of Technology Kharagpur
17	Design and development of an integrated CAD+CFD model for simulation based ship hydrodynamic optimization problems	Indian Institute of Technology Madras
18	Study on Resistance Parameters of Coastal Research Vessel for Different Hull Forms	National Institute of Ocean Technology, Chennai
19	Hydrodynamic performance enhancement using stern wedges, stern flaps and interceptors for ships	Naval Science & Technological Laboratory, Visakhapatnam
20	Longitudinal Ultimate Strength Assessment of a Bulk Carrier under Random Corrosion	Indian Register of Shipping, Mumbai
21	Regulations for Probabilistic Damage Stability - Current Status and Future Possibility	Indian Register of Shipping, Mumbai
22	Modern Tools for Efficient Hydrodynamic Design of Ships	FLOWTECH International AB, Gothenburg
23	A component-based software framework for the information management of PLM for shipbuilding industries	Dept. of Naval Architecture and Ocean Engineering, Seoul National University
24	Study of Alternate Engine Propulsion Systems to reduce CO2 emissions from Coastal Ships	Indian Maritime University, Visakhapatnam
25	Ship maneuvering - A review of past and present developments	Indian Institute of Technology, Kharagpur
26	Recent developments on impact loading and their implications on structural design	Sea System, Mumbai
27	CFD study for identifying ideal position of sonar dome over a ship hull	Naval Science & Technological Laboratory, Visakhapatnam
28	Thermo-Mechanical Analysis of the Effects of Weld Parameters in Ship Plates during Welding Process	Technical University of Lisbon, Portugal

Contact

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