



**THE ROYAL INSTITUTION OF NAVAL ARCHITECTS**  
**ICSOT 2009: DEVELOPMENTS IN**  
**SHIP DESIGN & CONSTRUCTION**  
*10-11 December 2009, Kharagpur, India*

<b>9<sup>th</sup> December</b>	
<b>19:00</b>	<b>Evening Reception</b>

<b>10<sup>th</sup> December</b>	
<b>08:30 – 09:00</b>	<b>Coffee and Registration</b>
09:00 – 09:15	<b>Inauguration</b>
09:15 – 09:45	<b>Keynote Address by Prof. Tae-wan Kim</b>
09:45 – 10:15	An integrated system for ship construction projects control – by Floriano Pires Jr; Rio de Janeiro Federal University, Brasil.
10:15 – 10:45	Flow of production Information in a Shipyard in the era of "IT" enabled systems – by Capt. (IN ret'd) KJH Christie, Mr S P Ghosh, Mr Aparajita Bhattacharya; Garden Reach Shipbuilders and Engineers Ltd., Kolkata.
<b>10:45 – 11:00</b>	<b>Coffee</b>
11:00 – 11:30	Distributions of Residual Strain Components in Welded Stiffened Ship Hull Plates – by .Sara Y. Kenno'a, Sreekanta Dasa, Muhsin Hamdoona, John Kennedy, Ronald Roggeb, Michael Gharghourib; University of Windsor, Windsor, Canada.
11:30 – 12:00	A Study on the Buckling Behavior of Curved Plate Panels – by Gokul Arasu. C; Indian Register of Shipping, Powai, Mumbai, India.
12:00 – 12:30	Improvement in structural performance and operational efficiency of bulk carriers by using curved inner bottom – by T. Haggag; Naval Architecture and Marine Engineering, Faculty of Engineering, Alexandria University, Egypt.
<b>12:30 – 14:00</b>	<b>Lunch</b>
14:00 – 14:30	Laser Cladding - A Coating Process for marine applications – by Dr.Sanjeet Kanungo; Tolani Maritime Institute, Pune, India.
14:30 – 15:00	Biofouling and corrosion behavior of metals under immersed marine conditions – by Dineshram R; National Institute of Ocean Technology, Chennai, India.
15:00 – 15:30	Occupational Safety, Security And Emergency Management In Ports – by Dr. R.K. Elangovan; Central Labour Institute, Mumbai, India.
<b>15:30 – 15:45</b>	<b>Coffee</b>
15:45 – 16:15	Optimum conceptual design of an ultra-low motion semi-submersible floating oil and gas production system – by R. Sharma, Tae-Wan Kim, O. P. Sha; Department of Naval Architecture & Ocean Engineering, Seoul National University, Republic of Korea.
16:15 – 16:45	Numerical study on spar - semi-submersible system inter-connected by a rigid yoke – by Prasad.
<b>17:00 – 19:00</b>	<b>Workshop on Modern Ship Production Management</b> – Development of IT Driven Management System, by Prof. Tae-wan Kim
<b>20:00</b>	<b>Conference Dinner</b>

<b>11<sup>th</sup> December</b>	
<b>08:30 – 09:00</b>	<b>Coffee and Registration</b>
09:00 – 09:30	Different bow designs from seakeeping point of view – by F Kremer and R Grin; Ship Design and Research Centre, Poland, Maritime Research Institute Netherlands.
09:30 – 10:00	A numerical and experimental investigation into the free stream hydrodynamics characteristics of a series of flapped rudders using SHIPFLOW – by A. Bhattacharjee & O.P. Sha; Dept. of Ocean Engg. & Naval Architecture, IIT Kharagpur, India.
10:00 – 10:30	Investigation on the response of non-ship shaped FPSO vessel With and without damping plates.
<b>10:30 – 10:45</b>	<b>Coffee</b>
10:45 – 11:15	Generation of large compound curved surfaces used in ship by line heating using oxy-acetylene gas flame – by Pankaj Biswas, N.R. Mandal, O.P. Sha; Dept. of Ocean Engg. & Naval Architecture, IIT Kharagpur, India.
11:15 – 11:45	Life Extension Of Fpso Structural Detail Using Ultrasonic Peening – by Luis Lopez Martinez; LETS GLOBAL, The Netherlands.
11:45 – 12:15	Reliability Based Ship Design, Ashoke Bhar, Dept. of Ocean Engg. & Naval Architecture, IIT Kharagpur, India.
<b>12:15 – 13:45</b>	<b>Lunch</b>
13:45 – 14:15	Wave slam/slap loads on structural members in the air-gap – by Gopu. R. Sekhar & S. Nallayarasu; Department of Ocean Engineering, IIT Madras, India.
14:15 – 14:45	Analysis of Weld Induced Distortion of Large Curved Stiffened Plate Panels – by Pankaj Biswas & N.R. Mandal, Dept. of Ocean Engg. & Naval Architecture, IIT Kharagpur, India.
14:45 – 15:15	Numerical Investigation of Air Suction into a Louvered Funnel – by Misra
<b>15:15 – 15:30</b>	<b>Coffee</b>
15:30 – 16:00	A study on the effect of stiffener shape and size on the behaviour of ship's stiffened – by C. Ray & S. Deb; Dept of Civil Engineering, BESU , Shibpur, India.
16:00 – 16:30	Strength Of Stiffened Composite Plate With Opening – by Rahima Shabeen. S & Alagusundaramoorthy. P; IIT Madras, India.
<b>17:00 – 19:00</b>	<b>Workshop on Modern Ship Production Management</b> – Development of IT Driven Management System, by Prof. Tae-wan Kim