



皇家造船師學會暨輪機工程及海事科技學會
香港聯合分會

The Hong Kong Joint Branch of
The Royal Institution of Naval Architects
and The Institute of Marine Engineering,
Science and Technology

IMAREST

Address: G.P.O. Box 2516, Central, Hong Kong. Fax No: (852) 25736966
地址：香港郵政總局郵箱 2516 號 傳真號碼：(852) 25736966



香港海事科技學會
THE HONG KONG INSTITUTE OF
MARINE TECHNOLOGY



Hong Kong Institution of Engineers

Mechanical, Marine, Naval Architecture and Chemical Division

**** Notice of Joint Seminar****

Title: Seminar on “Motion Forecasting and Monitoring for Marine Operation”

Synopsis: The success of a marine operation relies on good operational planning and engineering, combined with the ability to take advantage of the first available weather window. With respect to the latter factor, a good metocean forecast is an essential component leading up to and on the day of operation. Traditionally, forecasts of metocean parameters, wave height for example, have been translated into the dynamic behaviours of vessels and the whole operating system, based around detailed engineering knowledge and experience. This subjective process forms a key tool for decision making on the day of operation to ensure a safe and successful outcome.

Dr. Lai will describe how an objective prediction of vessel motion can be obtained based on the forecast of wave energy distribution from Met Office UK together with motion response characteristic of the construction vessel. In addition, he will describe the motion monitoring system that is installed on the semi-submersible crane vessel, S7000. The application of the motion forecasting and monitoring system to completed projects will be presented and the corresponding benefit will be discussed. The mentioned system had been awarded the 2007 RINA and LRET Ship Safety Award.

Speaker : Dr. Peter S. K. Lai , Consultant Naval Architect , Saipem UK Limited

Date: 28 October 2008 (Tuesday)

Venue: Room EF312 , Hong Kong Polytechnic University, Hung Hom Hong Kong

Time: 18:30hrs to 20:00 hrs (refreshment will be started at around 18:00 hrs)

Registration & Enquiries : This event is free of charge. Members are welcome to attend and are required prior registration on first-come-first-served basis. Due to limited seats, priorities will be given to members of organizer / co-organizers. CPD certificates will be available on request. Please complete the registration form at below and return to Mr. Michael LEE by email.

Registration / Reply Form

(Email: leemkf01@netvigator.com)

Please reserve one seat for me to attend the Seminar event on 28 October 2008 (Tuesday)

I require / do not require a CPD certification (delete as appropriate).

Name of member: _____ [Membership No.:] _____

Signature: _____ Date: _____

Name of Company : _____ Tel : _____ Fax : _____ Email : _____