



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

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

HK工E THE HONG KONG
INSTITUTION OF ENGINEERS
香港工程師學會

Mechanical, Marine, Naval Architecture & Chemical Division
機械、輪機、造船及化工分部

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

Half-day Seminar for

- 1. Maximize the effectiveness of burning fossil fuels and operation mode to reduce greenhouse gases**
- 2. Surface Texture Calibration**

1. Title: “Maximize the effectiveness of burning fossil fuels and operation mode to reduce greenhouse gases”

Synopsis: The renewable energy (clean energy) has been remarkably emerging since past decades in order to combat the global warming and energy crisis. However, it is predictable that the existing fossil fuels will be continuously playing an important role as a primary energy in the energy sector for electricity generation, fuel for automobiles, aircrafts and ships in the future decades. It is the awareness of maritime industry to control the emission of the greenhouse gases from the process of burning the fossil fuels. This seminar will share the experiences in the aspects on maintenance of ships, rudder activities and tuning of engines in order to achieve the maximum efficiency on burning of fossil fuels during the operation. As a result, the rate of emission of greenhouse gases can be significantly reduced.

Speaker: Mr. H. P. Kwong, C.Eng, FIMarEST, RPE, DMS, PCEd, M.Ed. (EAM &SEN), Assistant General Manager, Southfleet Consultants Ltd.

Mr. Kwong completed his apprenticeship at Hong Kong & Whampoa Docks in 1955 and continued his service till 1964. He then joined World-Wide Shipping as new building inspector and obtained his C. Eng status in 1967, Fellow of I. Mar. E. in 1973. Mr. Kwong was promoted to Tech. Director in 1981 and later took up the school principal job at the Hong Kong Sea School from 1990 to 1995. He then returned to shipbuilding field and engaged on specification, plan

approval and site supervision works for container feeder vessel, Panamax, Cape-size bulkcarriers and VLCC. Subsequent to his retirement in 2012, he took up the part-time consultant posts. He is currently overseeing new building projects ranging from 55kdwt product carrier, Panamax bulk carriers to Aframax oil tanker in Korea and Japan.

2. Title: "Surface Texture Calibration"

Synopsis: Surface texture is a major characteristic that affects the performance of a system/component, including fatigue life, bearing properties as well as overall wear and tear. Surface roughness /texture measurement determines surface topography, which is essential for confirming the suitability of an object for its intended uses. This seminar will cover the principles and techniques for surface roughness measurement. To cater for the metrology requirements in marine engineering, calibration of surface texture of journal bearings will be discussed with illustration backed with field data. Evaluation of measurement uncertainty will also be addressed in details.

Speaker: Dr. Francis Wong Seung-Yin, PhD, MIMarEST, MIProdE, MIMechE, MHKIE,

Engineer-in-charge of the Dimension Laboratory, Standards and Calibration Laboratory (SCL), Innovation and Technology Commission, HKSAR Government. Before joining SCL, Dr. Wong had been working in the industry and tertiary education for more than 10 years. He has over 19 years of experience in calibration and development of length standards and force standards.

Date: 27 July 2013 (Saturday)

Venue: HKIE, 9/F Island Beverley, No.1 Great George Street, Causeway Bay, H.K.

Time: 9:30 a.m. to 12:30 a.m. (Tea /Coffee with snacks from 9.30 a.m.)

Registration & Enquiries:

In order to encourage exchange of ideas, Q&A sessions will be available, and you are welcome to bring up queries, comments, etc. This half-day seminar is free of charge and prior registration is required on first-come-first-served basis. On-line registration via HKIE-MMNC website at <http://mc.hkie.org.hk> is available or by return of the following slip. CPD certificates will be available. For enquiries, please contact Mr K H LAI by email at laikimhing68@gmail.com

Registration / Reply Form

(Email: laikimhing68@gmail.com)

Please reserve one seat for me to attend the Seminar "**Maximize the effectiveness of burning fossil fuels and operation mode to reduce greenhouse gases and Surface Texture Calibration**" on **27 July 2013 (Saturday)**

Name : _____

Membership No.: (HKIE / HKIMT / IMarEST / RINA) _____ Others (please specify) _____

Signature: _____ Tel : _____ Fax : _____

Email : _____ Company Name: _____

Date: _____