



## **CPD Function**

Organizer: The Institution of Civil Engineering Surveyors (H. K. Region)  
The Hong Kong Institution of Engineers

Topic: **Fender Design and Development**

Speaker: **Mr Brandon Wong**  
**(Bridgestone Engineered of Products Asia Pte Ltd)**  
BEng. (Hons) Mechanical Engineering, University of Leeds  
Regional Senior Sales Engineer Bridgestone Engineered Products of Asia  
**Mr Chiew Kah Keet**  
**(Bridgestone Global Engineering Consultants Pte Ltd)**  
BEng. (Hons) Mechanical & Manufacturing Eng., Sheffield Hallam University  
Senior Design Engineer

Co-speaker

Date: 11 October 2007

Time: 6:30pm to 8:30pm

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

Medium: English

Admission: Free

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### **Abstract**

Fender system is an important port facility for berthing and mooring of a ship. Generally, the fender is used to provide the energy absorption and tender a reaction force to the back structure. Characteristic of fender selection can be one of the crucial factor to determine the jetty configuration. The speaker will share the concept of energy absorption of a marine fender, and introduce the selection of marine fender model. The speaker will bring in the design of marine fender system, which involves the berthing energy calculation, fender selection, steel panel design and accessories availability. On the other hand, the others design considerations such as structural layout, jetty surrounding environmental conditions and vessel geometry will also be discussed.

Priority will be given to ICES and HKIE members, thereafter place will be allocated on the “first come, first served” basis. Please register on-line via [ivan.chan@cr3.com.hk](mailto:ivan.chan@cr3.com.hk). Please specify whether you are ICES member in the e-mail. The number of participants is limited to 80. For enquiries, please contact Mr. Simon Leung (Tel: 9191 8441).

**Disclaimer:** The Institution of Civil Engineering Surveyors has not arranged any insurance coverage for any participants on any personal accident, property loss/damage or virus inflection arising from this CPD function. Participants should make their own insurance arrangement at their expenses.

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### **Reply Form**

I, \_\_\_\_\_, confirm my intention to attend the CPD Function on 11 October 2007. I am a member / non member of the ICES.

My telephone number is \_\_\_\_\_ and e-mail address is \_\_\_\_\_.