Registration Details

Enquiries
Please contact Ms Lilian CHOONG for more information:
Tel: (+65) 6516 5113
Fax: (+65) 6874 5097
Email: engcll@nus.edu.sg

Registration Fees*
Local Participants : S$700.00 + Prevailing GST
Overseas participants: S$ 700.00
*Fees include lecture materials, refreshments & lunches

Payment
Payment is required prior to the course. Crossed cheques should be made payable to "National University of Singapore" and mailed together with the registration form to the below-mentioned address.

Discount
Each participant/company is eligible for a maximum of 10% discount for:
◊ NUS Alumni
◊ Companies sending three or more participants

Date: 4th - 5th April 2007
Time: 9:00am - 5:00pm daily
Venue: National University of Singapore
Closing Date: 28th March 2007, Wednesday

2-Day Short Course on Deepwater Riser Systems
Concept • Design • Analysis • Experience
Accredited with 14 PDUs by Professional Engineers Board, Singapore

By
Shan Shi PhD, Professor
Houston Offshore Engineering, LLC & Harbin Engineering University

Date: 4th - 5th April 2007
Time: 9:00am - 5:00pm daily
Venue: NUS, Faculty of Engineering

Jointly Organized by:
◊ Professional Activities Centre
◊ Centre for Offshore Research and Engineering

Supported by:
◊ Keppel Offshore & Marine
◊ Lloyd’s Register
Course Overview

The two days short course will provide a comprehensive technical overview of deepwater riser systems, from concept selection for field development to detailed design and analysis. It will provide with project examples and experiences from recent deepwater development projects worldwide. The course will cover all types of deepwater riser systems including: top tensioned risers (TTR), hybrid riser towers (HRT), steel catenary risers (SCR), and flexible riser systems. Introduction of state-of-the-art design and analysis methodologies for the different types of deepwater riser systems will be the highlight of the course.

Course Outline

♦ Introduction
♦ Overview of Riser Engineering Fundamentals
♦ Top Tensioned Riser Systems
♦ Hybrid Riser Towers
♦ Flexible Risers
♦ Steel Catenary Risers
♦ Riser Design Requirement and Methods
♦ Riser Analysis Methods and Tools
♦ Detailed Riser Analysis Illustrations
♦ Riser Engineering Special Topics

Dr. Shan Shi is currently the Manager of Riser Systems for Houston Offshore Engineering, LLC in Houston, Texas and a professor at Harbin Engineering University. Dr. Shi is degreed in Naval Architecture, Ocean Engineering, and Civil Structural Engineering; he received his PhD in Civil Engineering from the University of Illinois at Urbana-Champaign in 1997. Since then, Dr. Shi served in Deep Oil Technology, Inc., and Aker Maritime. In 2002, Dr. Shi became the chief engineer at Offshore Dynamics, Inc., where he provides engineering and consulting services to the offshore industry and specializes in the design and analysis of riser systems, mooring systems, and global performance of floating platforms. Dr. Shi is highly experienced with TLPs such as West Seno, Magnolia, Marco Polo and Spars of Neptune, Horn Mountain, Genesis, Boomvang/Nansen, Medusa and Front Runner. Dr. Shi is capable of solving special riser analytical problems associated with deep water development.

Dr. Shi also has a joint venture with Texas A&M University in the development of a state-of-the-art fully coupled global performance analysis software package: HARP. The program has been widely used by offshore engineering companies and has produced reliable results for many challenging projects including the analysis of the Kikeh Spar and FPSO coupled system.

REGISTRATION FORM

DEEPWATER RISER SYSTEMS
4th—5th April '07, Wednesday to Thursday

Dr/Mr/Ms: ____________________________
Designation: ____________________________
Organization: ____________________________
Address: ____________________________
Contact Person: ____________________________
Tel: __________________ Fax: __________________
Email: __________________
*** Dietary Preference: No Pork No Lard / Vegetarian
NUS Alumni Card No. (if any) ____________________________
Payment Mode:
Cheque: __________________ Amt (S$): __________________
Payable to “National University of Singapore'
VISA/MSTR: _____________________
Exp. Date: __________________
Payment is required prior to commencement of the course.
Crossed cheques should be made payable to “National University of Singapore" and mail together with the registration form to Professional Activities Centre, Faculty of Engineering, National University of Singapore, Blk EA-05-34, 9 Engineering Drive 1, Singapore 117576. A 50% refund will be made for withdrawals (received in writing) 10 working days before the commencement of the course. No refund will be made thereafter.
Replacements are acceptable prior to 3 days before the course commence. PAC reserves the rights to cancel the course and fully refund the participants, should unforeseen circumstances warrant it. Every effort will be made to inform participants of any changes.

Authorized Signature/ Company Stamp