

Public Lecture

Organised by
The Joint Branch of the RINA and the IMarEST (Singapore)
and
Society of Naval Architects and Marine Engineers Singapore
and
Ngee Ann Polytechnic, Mechanical Engineering Division

by **Dr John Preedy**
Consultant, Azur Offshore Ltd, UK

Date : Monday, 8 March 2010
Time : 6.15 pm to 7.00 pm Registration & Refreshment
Talk begins at 7.00 p.m. and ends at 8.00 p.m.
Venue: Lecture Theatre 51C, Mechanical Engineering Division,
Ngee Ann Polytechnic, Singapore

Please see the attached documents for the abstract of the talk and biography of the speaker.

For registration, please confirm with Mdm Saleha by Wednesday, 24th February 2010 via the reply slip.

Woon Kok Meng
For Technical Committee
The Joint Branch of the RINA and the IMarEST (Singapore)

Public Lecture: Recent Developments in Offshore LNG – their Implications to Singapore’s Marine and Offshore Industry

REPLY SLIP

Fax No. 6467 7384; Tel No. 6460 6425; Mdm Saleha, Email: sbm2@np.edu.sg

Yes, I would like to attend the talk.

Name : _____

Designation : _____

Company : _____

Address : _____

Tel No : _____ Fax: _____ E-Mail: _____

ABSTRACT

Recent Developments in Offshore LNG – their Implications to Singapore’s Marine and Offshore Industry

Recent drilling technologies unlock substantial quantity of natural gas from shale rocks, further offshore and in deeper waters. Gas has always been a problem with FPSO production systems. Within the next few decades, natural gas will replace oil as fossil fuel industry and much of the gas will come from offshore gas fields. This lecture discusses the requirements and technologies in offshore production of LNG; its offshore storage, vessel to vessel transfer and the carriage of LNG in gas carriers. It also deals on the vessel requirements for offshore regasification and the delivery of LNG to shore consumers. How will these opportunities and technologies benefit and challenge Singapore’s marine and offshore industry?

ABOUT THE SPEAKER



Dr John Preedy worked for BP for 28 years as a Research Associate and Team Leader, working on Feasibility Studies and acting as a trouble shooter covering all aspects of BPs businesses. These covered field Development Project in the North Sea and several novel resource recovery techniques which were taken from Concept to Field Pilot trials in Canada. His specific work in the offshore area covered Subsea Robotics / Automation, Seabed Production Concepts, Seabed Excavation Methods, Underwater Repair Techniques, Flexible Riser Studies and Maintenance Cost Reductions.

After leaving BP in 1992, he has continued working in the offshore oil industry through Azur Offshore Ltd, including activities in the assessment of Emerging and Novel Technologies, Technical and Economic Audits, Studies, Production Sharing Agreement Evaluations, Safety and Environmental issues. Clients have included Chevron UK, BP Exploration, British Gas, Technomare, Trident Consultants, Fina UK and Cameron France. In addition he is responsible for co-ordinating and is the Course Director and Principal Lecturer for the oil Industry Training courses that Azur Offshore Ltd Provides to Professional Engineers in Europe, USA , S.E. Asia, Australia and Africa. John is regular University lecturer at Cranfield School of Industrial Sciences (UK) and is a course Group Project external examiner for Cranfield. He also lectures on offshore oil industry activities at ENSIETA (France), the Technical University of Delft (Holland) and the Northern Territories University in Darwin (Australia).

He is an active member of the UK Society for Underwater Technology (SUT) and serves on their Subsea Engineering and Operations Committee.

MAP OF LOCATION

Venue : **Ngee Ann Polytechnic, Singapore**
Lecture Theatre 51C



Seats are limited. Please register early. All are welcome and admission is free.