

14 - 16 October

## OIL & GAS: OPERATIONS AND TECHNOLOGY

This course is suitable for graduate engineers or graduates from other disciplines; market investors and financiers; professionals who want to transition to oil and gas; and those who want to gain foundational knowledge of the oil and gas industry.



*Presented by Dr. Sanjay Ghoshal from the UAE*

**Day 1** - Exploration & Drilling

**Day 2** - Field Development, Separation & Treatment

**Day 3** - Refining Processes

R19 500 pp

16 - 19 November

## Structural Design & Analysis of Ships and Offshore Structures

This course should be attended by structural engineers who want to understand the theory and limitations of the methods used in structural engineering; maintenance engineers who want to understand where some operational challenges are coming from; and non-structural engineers who want to learn the methods.



*Presented by Prof. Mirek Kaminski from TU Delft*

**Day 1** - Sea Environment & Spectral Analysis

**Day 2** - Fatigue Limit State & Ultimate Limit State

**Day 3** - Finite Element Method & Torsion

**Day 4** - Composite Structures & The Newmark Method

R24 900 pp

11 December

## SHIP RECYCLING

This course will benefit anyone involved in the ship recycling process. It deals with aspects such as legal compliance, health and safety, environmental protection, corporate social responsibility, practicality, efficiency, and economics. This course should be attended by ship owners and managers, ship suppliers, and P&I clubs.



*Presented by Henning Gramann, GSR Services  
Germany*

R6900 pp