CPD online workshop

Subsea production systems

About the workshop
The workshop is designed to help participants acquire fundamental knowledge in subsea production systems.

Subsea production systems start at the reservoir. They include all the equipment that delivers the well fluids, from the well to the topsides processing host. This includes wellheads, xmas trees, manifolds, flowlines, risers and subsea controls. All these aspects will be covered in the workshop.

Learning outcomes
Participants will understand the basics of subsea oil and gas production facilities, their working principles and field requirements.

Practical experience will be gained through case studies and videos illustrating lessons learned from past successful projects.

Topics covered include
- Introduction to offshore oil and gas production activities
- Global energy review
- Flow assurance
- Drilling and wellheads, types of drilling rigs
- Surface and subsea xmas trees
- Subsea manifolds and well clusters

- Subsea flowlines and pipelines
- Production risers
- Subsea control systems and chemical injection
- System reliability
- New technology – subsea processing
- Case studies and video examples

Who will benefit from the workshop
- Engineers, technicians, supervisors, project managers, sub-contractors working in:
  - Ship building, repair and commissioning
  - Ship conversion
  - Oil rig building, offshore and subsea oil and gas production
- Other professionals involved in related design and engineering, procurement, construction, commercial, commissioning and administration fields
- Classification societies and professional organisations
- Specialists in quality control, survey, commissioning and administration relating to subsea systems
- Insurance brokers
- Legal and financial professionals in the offshore sector
- Representatives from professional and government agencies

Monday 1 - Thursday 4 November 2021
18:30 - 22:00
Saturday 6 November 2021
13:30 - 17:00
$950 (+ GST)
Speakers

Dr John Preedy

Dr John Preedy worked for BP for 28 years as a Research Associate and Team Leader. After leaving BP in 1992, he has continued working in the offshore oil industry through Azur Offshore Limited. His clients included Chevron UK, BP Exploration, British Gas, Technomare, Trident Consultants, Fina UK and Cameron France.

As well as coordinating the oil industry training courses that Azur Offshore Limited provides to professional engineers in Europe, USA, SE Asia, Australia and Africa, he is also the Course Director and Principal Lecturer.

Dr Arun Dev

Dr Arun has over 30 years of experiences in naval architecture, marine and offshore engineering. He received the Fellowship Award from SNAME in 2019 and the Lifetime Achievement Award from the Singapore Joint Branch. Dr Arun is currently the Associate Professor and Director of Postgraduate Studies at Newcastle University in Singapore (NUiS).