CPD online workshop

The gas and LNG supply chain

About the workshop

The workshop is designed to help participants acquire fundamental knowledge of offshore gas production and processing systems. It covers gas and LNG activities, including the supply chain from offshore gas fields to market.

Gas use is predicted to grow faster than oil in the coming years and may become the dominant energy source. As 40% of gas supplies come from offshore fields, this workshop provides a unique opportunity to understand the technical and business opportunities.

Learning outcomes

Participants will understand the basics of the conventional gas and LNG supply chain, from the gas reservoir to customer supply. They will also learn about gas reservoirs and offshore 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 production systems
- Offshore gas production hosts
- Conventional and unconventional gas
- Gas processing
- Gas transport by pipelines
- Examples of the gas field across the world
- Land-based LNG plants and gas carrier terminals
- History and overview of FLNG
- Liquefaction processes and FLNG vessels
- Storage systems for LNG
- Future opportunities for FLNG
- Floating storage regasification vessels (FSRU)

Who will benefit from the workshop

- Engineers, technicians, supervisors, project managers working in:
  - Ship building, repair and conversion
  - Oil rig and offshore engineering and construction
  - Offshore and subsea gas production
  - LNG facilities
- Other professionals involved in related procurement, construction, commercial, commissioning and administration fields
- Classification societies and professional organisations
- Insurance brokers
- Legal and financial professionals in the offshore sector
- Representatives from professional and government agencies

Monday 2 - Thursday 5 August 2021
18:30 - 22:00
Saturday 7 August 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).

Book your place at: https://belong.ncl.ac.uk/singapore-newriis-events-lp

or scan the QR code

Newcastle Research & Innovation Institute Pte Ltd (NewRIIS)
CPE Registration No. & Period: 201706759K (1 Nov 2018 to 31 Oct 2022)

80 Jurong East Street 21 #05-04, Devan Nair Institute for Employment and Employability, Singapore 609607

This event is online. Newcastle Research and Innovation Institute may change the schedule in the event of unforeseen circumstances or insufficient registrations.