

London and South of England Evening Meeting

Pseudo Dry Gas System & Data from the Deep

Thursday 6 June 2019

Registration 17:30 - Presentations 18:00, refreshments to follow
Hoop & Toy, 34 Thurloe Place, London SW7 2HQ

Registration Fees

SUT Member £15, Non-Member £25, SUT Student Member £5

Register online at www.sut.org/events

Pseudo Dry Gas System – An enabling technology for remote gas fields

An overview of an Oil and Gas Technology Centre (OGTC) study to consider the economic impact of applying the innovative Pseudo Dry Gas technology to known stranded gas fields to the North of Shetland islands, making a gas gathering corridor stretching 200km and 1.7km deep. The scope included a detailed flow assurance analysis, and integrated asset modelling for multiple development options to determine the estimated total recovery. This study was supported by data from the UK Oil and Gas Authority. The technology is currently undergoing initial prototype testing at Cranfield University.

The presentation will show the comparative study for a known stranded gas basin for a range of development options based on current and near future technology in order to demonstrate the value proposition and CO₂ emission reduction of the Pseudo Dry Gas technology.

Presenter: Lee Thomas, Intecsea

A subsea engineer with 16 years' experience of subsea engineering. Beginning his career at BP, through FosterWheeler and now INTECSEA for the last 9 years and has been involved with a number of the longest subsea gas tiebacks currently in operations. He is one of the two co-inventors of the pseudo dry gas technology, and has been part of the development team since inception.

Data from the Deep

Accessing Fatigue Analysis Data Wirelessly from Deepwater Infrastructure

As operators aim to extend the life of their offshore field developments, ever more clever ways are needed to ensure subsea asset remains within safe margins of operational life. Added to increased environmental awareness for containment integrity, it all provides an interesting technical challenge for the industry to solve. Stephen Auld's talk, Data from the Deep, provides a couple of case studies where operators have turned to wirelessly communicating sensors, retrofitted on or around subsea asset, to monitor both fatigue and leak detection.

Presenter: Stephen Auld, Sonardyne

Stephen Auld has worked in the oil and gas industry for over 20 years. After graduating with an Honours degree in Engineering and an MSc in Computing he joined Coda Octopus in Edinburgh. Following various promotions he finally led the company as Managing Director for 5 years. Leaving Coda Octopus, Stephen joined Schlumberger as Business Development Manager promoting the use of unmanned surface vehicles for various offshore applications. For the past two years Stephen has been working with Sonardyne International, firstly as BDM and now as Global Business Manager for their subsea asset and monitoring group.

