



DEPARTMENT OF ENERGY TECHNOLOGY
AALBORG UNIVERSITY

Guest lecture:

Produced Water Management and Oil in Produced Water Measurement

by

Dr. Ming Yang, TUV-NEL A/S, GLASGOW, UK

November 30 2015, 8:30 – 11:30

Aalborg University Esbjerg, Dept. of Energy Technology, Niels Bohrs Vej 8, Esbjerg, room B202



Lecture content

- Introduction to NEL and NEL's PW activities
- Produced water management options
 - Introduction to produced water
 - Produced water management options
 - Treatment technologies
- Oil in produced water measurement
 - Reference methods
 - Bench scale technologies
 - Online monitoring technologies
 - Calibration / sampling
- Q&A / Discussion

About the lecturer.

Dr. Ming Yang (BSc, MSc and PhD) is the Environmental Consultancy Services Manager at NEL. He has over 24 years of work experience in the Oil and Gas industry. His main technical areas include:

- Produced water treatment and management
- Oil-in-water monitoring and measurement
- Multiphase separation

Since joining NEL in 1998, he has established NEL as a leading organisation in knowledge transfer, consultancy, Joint Industry Projects (JIPs) in produced water, oil in water measurement and multiphase separation subject areas. He has been responsible technically for over 30 international conferences related to the aforementioned subjects; he has also initiated and been the technical lead in no less than 8 JIPs on the same topics. He has presented and chaired many produced water related events. He has also published a book chapter on oil in produced water measurement. On the same subject, he has established a one-day training course, which has been conducted multiple times in locations including Kuala Lumpur (Malaysia), Abu Dhabi (UAE), Aberdeen (UK), St. Johns (Canada) and Rio de Janeiro (Brazil).

Ming joined NEL after working at Heriot-Watt University between 1991 and 1995 where he was involved in research projects related to produced water characterisation and re-injection. Between 1995 and 1997, he was at the University of Manchester where he worked on research projects related production chemicals and multiphase separation.

The lecture is sponsored by

The Energy
Sponsor Programme