

26th February IChemE Technical Talk



Join Prof. Bahman Tohidi for the presentation “**New technologies for risk-based hydrate management**” which will cover:

- Risk of hydrates
- Options for managing hydrates
- Effect of inhibitor injection and dehydration on hydrate stability zone
- Options for measuring hydrate safety margin
- Introducing a relatively new option for determining hydrate safety margin (HydraCHEK)
- Case studies with HydraCHEK, including one with risk-based approach
- Introducing a new technique for detecting early signs of hydrate formation (HydraSENS)
- Case studies with HydraSENS
- Estimating the location of hydrate formation
- Integration of HydraCHEK and HydraSENS for risk-based hydrate management
- Q&A session

Prof. Bahman Tohidi is a lecturer of Heriot-Watt University since 1994, Director of International Centre for Gas Hydrate Research and the Centre for Flow Assurance Research (C-FAR) of Heriot-Watt University, Consultant to major oil and services companies and Managing Director of HYDRAFACT Ltd. He has published more than 400 papers and holds 10 patents mainly in gas hydrates and PVT.

Time: 6pm.

Date: 26th Feb 2019

Venue: Carmelite hotel Stirling St, Aberdeen AB11 6JU, UK.

Parking: Union Square car park

Cost: **FREE** and food will be provided.

Highlights: great opportunity to record your Continuing Professional Development (CPD) and networking in the Oil & Gas community in Aberdeen.

Next Technical Events in 2019 “Save the Date” (detail agenda and venue TBC):

21st March (*) – Aspentech Technical Seminar. Half day seminar will cover process simulation and understand how it can be used to optimise Project Design & Operation.

30th of April – Tony Marks (Managing Director and acting Chief Executive of 20/20 Business Insight). Talk will cover Project Management topics.

28th May – James MacGregor (Floating Systems Advisor at Schlumberger with over 38 years of experience in Oil & Gas). Title: “*Development in floating production systems*”.

25th of June – Bethan Pugh (Decommissioning Project Manager at Shell). Talk will share Bethan’s experience of the decommissioning of the Brent Delta platform, including the topsides removal by single lift vessel The Pioneering Spirit.

27th of August - Andy Robertson (Production Assurance Manager at Advisian / WorleyParsons). Talk will cover use of Pseudo Dry Gas (PDG) technology for long distance subsea tiebacks.

24th of September – Clara Altobell (VP Technical Serica Energy). Topic for the event TBC.

9th of October (*) – Annual Technical Seminar, half day event. Topic TBC.

*These events will have a modest cost charge (under review); the rest of the events will be FREE of charge and food will be provided. For general inquiries email to: aberdeen-events@ichememember.org

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