



Aberdeen Section

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## EuALF 2012 European Artificial Lift Forum

## Lifting Production

22nd & 23rd February 2012

Aberdeen Exhibition &  
Conference Centre, Scotland, UK



- Keynote Speaker Jim House, Region Vice President and Managing Director, Apache North Sea
- Pre-conference short course: Artificial lift systems selection, operation, design and optimisation
- Two-day conference
- Exhibition of the latest artificial lift tools, technologies and services

# European Artificial Lift Forum - Lifting Production

Artificial lift is essential to extending the life of most mature assets. It is also crucially important in increasing production. EuALF is a well-established biennial forum for artificial lift professionals organised by the Society of Petroleum Engineers Aberdeen Section. Its two-day conference programme is accompanied by an exhibition of cutting-edge artificial lift technologies and services.

## Why should you attend?

- To learn from operator and service companies' experiences and case studies
- Keep up to date with developments in equipment and simulation software
- Network with like-minded professionals willing to share and discuss artificial lift experience

This year, the conference will include a choice of in-depth breakout sessions each day. These will explore topical issues for artificial lift, led by experts and allowing informal debate. Have your say – and raise your own problems for discussion.

If you are an artificial lift professional interested in keeping up with industry developments, you'll find EuALF 2012 excellent value for money and a good use of your time.

## Conference Programme for Wednesday 22nd February

**08:00** Exhibition, posters and Breakfast rolls

**09:00** Welcome and introduction  
Chris Wrighton, Shell, EuALF 2012 Chairman

**09:15** Keynote address  
Jim House, Region Vice President and Managing Director, Apache North Sea

### Session 1 - ESP ONE

**09:45** **A downhole evolution for multiple ESPs**  
Stan Foster Rooke, RMSpumptools

**10:15** **Using real time automated optimisation & diagnosis to manage an artificially lifted reservoir - a case study**  
Julian Cudmore, Zenith Oilfield Technology

**10:45 to 11:15** Exhibition, posters and refreshments

**11:15** **How to identify and remedy the problems caused by wellhead chokes on ESP wells**  
Gabor Takacs, University of Miskolc, Hungary

**11:45** **A gas well dewatering pump for 2 3/8 inch production tubing**  
Kenneth Sears and Alan McAleese, ZiLift

**12:15** **Experimental investigation of ESP performance with high viscosity fluids and gas for subsea application**  
Lissett Barrios and Stuart Scott, Shell E&P; Ketan Sheth and Risa Okita, Baker Hughes

**12:45 to 13:45** Lunch, exhibition and posters

**13:45 to 14:30** Breakout sessions 1, 2 and 3

### Session 2 Gas Lift

**14:30** **A revolutionary IPO unloading valve, that improves gas lift design flexibility and reliability, while significantly reducing life cycle costs**  
Alan Brodie, PTC

**15:00 to 15:30** Exhibition, posters and refreshments

**15:30** **Using PROSPER™ to develop gas lift operating guidelines**  
Cameron Laing, EnQuest

**16:00** **North Brae retrofit gas lift**  
Vijay Pathak, Marathon Oil

**16:30** **On the use of distributed temperature surveys for gas lift troubleshooting**  
Craig Durham, Nexen Petroleum UK; Keith Elphinstone, Weatherford

**17:00 to 18:00** Networking reception, exhibition and posters

**Technical posters will be displayed in the exhibition hall**



## Conference Programme for Thursday 23rd February

**08:00** Exhibition, posters and Breakfast rolls

### Session 3 Jet Pump and various Artificial Lift technologies

**08:30** **Bringing digital intelligence to artificial gas lift solutions**  
Ilan Anderson, Camcon Oil

**09:00** **The applications of surface jet pump technology as an aid or alternative to artificial lift systems**  
Sacha Sarshar, Caltec

**09:30 to 09:45** Exhibition, posters and refreshments

**09:45** **After 5 years producing > 20k b/d to an FPSO, can we finally debunk the myth that “jet pumps are low rate devices for land fields only”?**  
Chris Bruuijnzeels, Lundin; Alan Brodie and Joe Allan, PTC

**10:15** **Artificial lift strategy implementation in Romania oil fields**  
Liviu Firu and Laura Marin, OMV Petrom

**10:45 to 11:15** Exhibition, posters and refreshments

**11:15** **Are we there yet? A candid discussion on artificial lift technology for heavy oil production - hot and cold**  
Shauna Noonan, ConocoPhillips

**11:45** **15 years of Captain ESP experience**  
Sander Mos, Chevron

**12:15 to 13:15** Lunch, exhibition and posters

**13:15 to 14:00** Breakout sessions 4, 5 and 6

### Session 4 ESP TWO

**14:00** **ESP failure analysis in the Forties Field – interrogating the silent witness**  
Cledwyn Hughes, Apache North Sea and Graham Cox, Schlumberger Artificial Lift

**14:30** **New ESP gauge technology that operates with cable ground faults**  
David Shanks, Zenith Oilfield Technology

**15:00 to 15:30** Exhibition, posters and refreshments

**15:30** **Electromagnetic pulsing causes ESP motor bearing failures in pulse width modulation drive applications**  
Salvatore F Grande III, Magney Grande Distribution; Jeff Dwiggin, Dwiggin Consulting LLC, Cledwyn Hughes, Apache North Sea and David Shipp, Eaton Corporation

**16:00** **Development of improved ESPs to meet today’s challenges**  
Cyril Girard, Statoil

**16:30** **Confidence in sizing compression ESPs for new wells completed with sand-control, Forties Field UKCS**  
Euan Alexander, Schlumberger; Paul Nicoll, Peter Sordyl and Joel Rodriguez, Apache North Sea

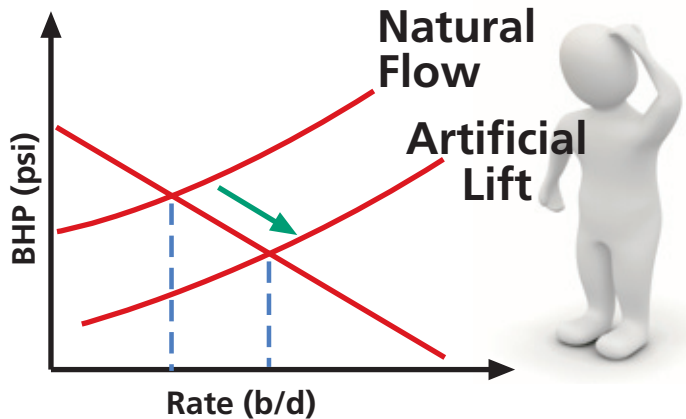
**17:00** Closing remarks

**Technical posters will be displayed in the exhibition hall**  
SPE Aberdeen reserves the right to amend the programme as necessary

## Artificial lift systems selection, operation, design and optimisation Tuesday 21st February

This one day course, which includes practical design sessions using commercial software, is designed to meet the needs of production and reservoir engineers and operations staff who are, or may be, involved in artificial lift operations or development.

- 08:30** Registration and refreshments
- 09:00** Introduction to Artificial Lift Systems  
Artificial Lift Systems Selection and Operations  
Gas well de-liquification
- 12:00** Lunch
- 13:00** Artificial Lift Practical Design Exercises  
Artificial Lift Troubleshooting and Optimisation  
Wrap-up and conclusions - open discussion
- 16:30** Close
- Cost** Members of SPE or EI £130.00 plus VAT (£156.00)  
Non-members £155.00 plus VAT (£186.00)



PROSPER™ Software used by the trainers courtesy of Petroleum Experts [www.petex.com](http://www.petex.com)

### Booking & Enquiries

Rodger and Co  
EuALF Event managers  
Tel +44 (0)1224 495051  
Email [spe@rodgerandco.com](mailto:spe@rodgerandco.com)  
[www.rodgerandco.com](http://www.rodgerandco.com)

PO Box 10118 , Aberdeen AB16 5WJ, UK

Book online  
[www.rodgerandco.com](http://www.rodgerandco.com)



#### Early Bird online discount

until 25th January

**Conference** 22nd and 23rd February  
SPE/EI Members £335 plus VAT (£402.00)  
Non-members £425 plus VAT (£510.00)



#### Group discount

Pay for four 2-day places and get the fifth free. Not available with the Early Bird discount. Contact the organisers to book and pay.



#### Conference

22nd and 23rd February  
(paid after 25th January or paid by cheque)  
SPE/EI Members £385 plus VAT (£462.00)  
Non-members £475 plus VAT (£570.00)  
Students £50 plus VAT (£60.00)



#### Accommodation

Two hotels at the venue offer special rates, subject to availability, to delegates who quote EuALF when booking.

##### Holiday Inn Aberdeen Exhibition Centre

£115 BB per room per night  
Tel Chris or Steph 01224 706878  
[reservations@hiaberdeen.com](mailto:reservations@hiaberdeen.com)

##### Holiday Inn Express Aberdeen Exhibition Centre

£85 BB per room per night  
Tel. 01224 227255  
[donnasneddon@hiaberdeen.com](mailto:donnasneddon@hiaberdeen.com)



#### One Day only of Conference

SPE/EI Members £235 plus VAT (£282.00)  
Non-members £290 plus VAT (£348.00)



#### Pre-conference Course

21st February  
SPE/EI Members £130 plus VAT (£156.00)  
Non-members £155 plus VAT (£186.00)



Download a scanning app onto your smart 'phone, then scan this code for the conference programme and latest information.