

Fuelling the Transition



TECHNICAL PROGRAMME

The biennial EuALF is a well-established forum organised by the Society of Petroleum Engineers Aberdeen Section for Artificial Lift, Production, Completions and Geothermal Professionals, specifically to promote technology, innovation and collaboration. We can't wait to welcome you back in-person from 8-9 June.

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How do we optimise production post-pandemic?

We need to utilize, improve and adapt our existing technology to reduce the carbon footprint while transitioning to renewable energy sources. To assist during this period, we need to make the most of our current well stock and reinvigorate existing fields by introducing and/or optimising artificial lift.

We must drive the adoption of emerging technologies such as alternative deployed ESP's, fibre optic sensing for gas lift optimisation and geothermal energy applications. This can assist in providing the resources required to help fuel the energy transition.

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What to Expect

- Insightful keynote and opening scene setting presentations
- Longer panel sessions on Alternative Deployment, Gas Lift and ESP Reliability and Technology
- Operator Case Histories
- Inaugural EuALF Awards
- Training courses on ESP Teardown and Root Cause Failure Analysis and Essentials of Gas Lift
- Exhibition showcasing latest technologies
- Multiple networking opportunities

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Coffee Break
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Training Course
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Lunch
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EuALF Training Courses – 7th June

Pre-Conference Training Course – Essential of Gas Lift

Sponsored by Harbour Energy

7th June – 0830-1600



Instructor: Damien Leonard

This Essential of Gas Lift course is intended for artificial lift and production professionals wishing to increase the production of their Gas Lift wells. It is a 'condensed in 1 day' version of the '1 week +' Gas Lift Mastery course given online by the instructor on Petrolessons.com. The basic principles and the forms of Gas Lift will be presented. Valves types and mechanics will be explained in the Gas Lift equipment section. After introducing the unloading sequence, attendees will be guided to make a mandrel spacing design using tracing paper and flow pressure gradient curves. In the last part of the training, Gas Lift optimization will be dealt with through field cases.

Pre-Conference Training Course – ESP Teardown and Root Cause Failure Analysis

Sponsored by Harbour Energy

7th June – 0830-1600



Instructor: Jeff Dwiggin

This advanced course is intended for artificial lift and production professionals currently working with or managing ESPs. The teardown (or dismantle) of the ESP is the final phase of an ESP's operation, but one that can give the most information on how the ESP performed during its life. Additionally, and maybe more importantly, the teardown and subsequent analysis can tell you why it failed. This key step is not simply taking each component apart, the ESP must be disassembled in a particular order, carefully inspecting for specific failure modes at each step, and, that order may vary with conditions and circumstances.

For more information and to book, visit
The SPE Aberdeen Website



EuALF Innovation Awards - Entry Deadline 30 May



The inaugural EuALF Awards, presented by SPE Aberdeen, will recognise innovation, talent and significant achievement in the Artificial Lift sector. Nominations will close on 30 May and the winners will be announced during the EuALF Conference Networking Reception from 1700 on 8th June at the P&J Live, Aberdeen.

Award 1 – EuALF Innovation Award

Criteria

The judges will be looking for evidence of how the Artificial Lift technology is innovative and in particular how it is contributing to the overall objective of reducing costs, increasing reliability, maximising recovery of hydrocarbon reserves and / or the reduction of carbon footprint associated with the technology. The technology can be anything directly associated with Artificial Lift including software, a process, a surface product, downhole product or a system. The Innovation Award will be presented to a technology which has reached a Technology Readiness Level of 6 (TRL 6) or above. A testing procedure or process must have been applied and passed, this can be with simulated data or real condition. In addition, they will wish to see the strategy for successful market penetration and further development and/or deployment. The Technology must have been qualified after 1st Jun 2019. Responses may include previously developed technologies which have been re-developed in the past 12 months to address further industry challenges. The judges will be looking for evidence of novelty and innovation in your idea, clear evidence that it addresses a need within the industry and has a clear business case (including improving health, safety or environmental performance) to take it forward. The technology must be applicable to European wells whether offshore or land based.

[Download the Innovation Award entry form here](#)

Award 2 – EuALF Significant Contribution Award

The Significant Contribution Award will recognise an individual who has made the most significant professional contribution to the artificial lift industry above and beyond their day-to-day role. These contributions may include industry or company contributions or continually inspiring people. The award recipient is to be selected by the judges.

Award 3 – EuALF Talent Award

Criteria

This award will recognise the professional capability and the wider contribution made by an individual that joined the artificial lift profession after 1st June 2017. The Talent Award is not limited to young professionals but can include mid-career hires or those that have transitioned into an Artificial Lift role from other areas. The award recipient must be based in Europe and the judges will be looking for an individual that has made contributions to the industry or company. These contributions may be new ideas or bringing new thinking to old processes.

[Download the Innovation Award entry form here](#)

Please note that these awards are not part of the SPE Awards Program.

Technical Programme – Day 1

| | | | |
|-------|---|--------------------------------|----------------------------|
| 7:30 | Registration | | |
| 8:30 | Welcome - Stewart McIntosh, Conference Chair | | |
| 8:40 | Keynote - Nick Paris, Chief Production Engineer, Harbour Energy | | |
| 9:10 | Debottlenecking Retrofit Inverted Gas Lift Systems to maximise resources in a mature gas condensate well | Robert Fargo | Harbour Energy |
| 9:35 | Significant additional value realized through data analytics in the past 1 ½ years for South & East Kuwait (S&EK) Asset, Kuwait Oil Company (KOC), and the journey continues to drive best in class interventions to strategically manage the rapid transition to 100% Artificial Lift. | Abdullah Al-Watyan | Kuwait Oil Company & BP |
| 10:00 | A more efficient method to unload wells | Chris Wrighton / Iain Maclean | Aramco / Zilift |
| 10:25 | Coffee Break | | |
| | Alternative deployment | | |
| 10:55 | A new approach to optimising well production using cable deployable ESPs in combination with industry proven logging tools | Norman Liley | Zilift |
| 11:20 | The way forward with the Ultra-High-Speed ESP technology | Ahmed Almashgari | LEX |
| 11:45 | Alternative Deployment Selection | Euan Alexander | Artificial Lift Solutions |
| 12:10 | Alternative deployment Panel Session | | |
| 12:40 | Lunch | | |
| | Equipment Innovation | | |
| 13:40 | Development and field deployment of the UpCable™ ESP power delivery system | Graeme Fyfe and Younes Deffous | Access ESP & TotalEnergies |
| 14:05 | SHIELD Motor Lead Extension: Developing the most reliable MLE for harsh environments | Lara Zsohar and Ryan Semple | Baker Hughes |
| 14:30 | Streamlining the Production of Highly Viscous Fluids Using a Purpose-Built Centrifugal Pump Stage as Part of a Conventional ESP Installation | Max Bilfinger | Schlumberger |
| | Techbyte | | |
| 14:55 | Field Attachable Surface Connector | Scot Seenan | RMS Pumptools |
| 15:00 | Downhole Monitoring Tools in Artificial Lift | Esra Almajbri | Schlumberger |
| 15:05 | Monitoring Sucker Rod Pumps based on electrical signature analysis | Simon Jagers | Samotics |
| 15:10 | Coffee Break | | |
| | Gas Lift | | |
| 15:35 | Gas Lift Optimisation fuelling energy transition | Olu Owoyemi | Shell |
| 16:00 | Unlock Gas Lift hidden potential – back to basics | Damien Leonard | Perenco |
| 16:25 | Reducing well life cycle cost in high scale environment | Krister Bye | PTC |
| 16:50 | Greenhouse Gas Reduction Estimates for Surface Controlled Gas Lift | Joel Shaw | Silverwell |
| 17:15 | Gas Lift Panel Session | | |
| 17:45 | Networking Session and Presentation of EuALF Awards | | |
| 19:00 | Close | | |

Technical Programme – Day 2

| | | | |
|-------|---|--|--|
| 8:00 | Registration | | |
| 9:00 | Introductory Remarks | | |
| 9:05 | Keynote Presentation - Opportunities in AL and the Technological Advancements | Atika Al-Bimani | Independent Consultant |
| | Projects | | |
| 9:30 | Successful Electro Submersible Pump Installations and Project Start Up by Al Dhafra Petroleum | Jose Manuel Cardozo Padron | Al Dhafra Petroleum |
| 9:55 | Advanced Gas and Solid Handling Pump for Unconventional Gassy and Sandy Well Challenges | Lyon Hong | Baker Hughes |
| 10:20 | The Geothermal Journey So Far | Barry Irvine | Baker Hughes |
| | Techbyte | | |
| 10:45 | High-Efficiency Pumps Double Water flood Capability without Infrastructure Changes | Gabon, Paulin NGWA BIKAH | Schlumberger |
| 10:50 | Coffee Break | | |
| | Subsea | | |
| 11:15 | Learning from Experience: Completing a Subsea Dual ESP well, West of Shetland second time round | Stewart McIntosh | Harbour Energy/Artificial Lift Solutions |
| 11:40 | Raising the dead without costing the Earth | Mark Dryden/Richard Whittington | PTC / Interwell |
| 12:05 | The viability of Rigless ESP Technology for subsea applications | Graeme Fyfe and Greg Nutter | AccessESP |
| 12:30 | Lunch | | |
| | ESP Reliability | | |
| 13:30 | Review of Electric Motor Technologies for ESP Applications | Chris Wrighton and Alexandru Vlad Rusu | Aramco/University of Manchester |
| 13:55 | Manufacturing Inspections - Closing the Loop on ESP Reliability | Jeff Dwiggins | Artificial Lift Solutions |
| 14:20 | Avoiding failure of Artificial Lift Systems | Steve Palmer | FET |
| 14:45 | ESP reliability and technology Panel Session | | |
| 15:15 | Coffee Break | | |
| 15:45 | A Unique method of combining Gas Lift and Chemical Injection Equipment | Krister Bye | PTC |
| 16:10 | Increasing production, minimising CO2 and extending life of well | Mark Dryden | PTC |
| 16:35 | Semi-permanent Gas lift production monitoring | Felipo PINTO | Baker Hughes |
| 17:00 | Closing Remarks | | |

Sponsorship Opportunities and Booking Information

SPE Aberdeen is a not-for-profit organisation and are organisers of this event. All surplus funds raised will get reinvested into various initiatives to help support our future generation of young engineers. All sponsorship opportunities will ensure your logo is prominently positioned across all promotional materials, including the SPE Aberdeen Website, Abstracts Flyer, Conference Programme, On-screen Graphics and Abstracts Book. Your company will also be profiled on social media and within the SPE Aberdeen Monthly Emailers and will be recognised by the Conference Chair on the day. Additional benefits are outlined in each package below. All costs outlined exclusive of VAT.

| | |
|--|---------------|
| PLATINUM SPONSOR | £5,000 |
| <ul style="list-style-type: none"> • Five complimentary delegate passes • Pop-up stand or banner to display in conference hall | |
| EVENT SPONSOR | £3,000 |
| <ul style="list-style-type: none"> • Two complimentary delegate passes • Pop-up stand or banner to display in conference hall | |
| LUNCH SPONSOR | £1,950 |
| <ul style="list-style-type: none"> • One complimentary delegate pass and 25% discount on an additional pass • Logo displayed at catering points during lunch | |
| BREAKFAST SPONSOR | £1,200 |
| <ul style="list-style-type: none"> • One complimentary delegate pass and 25% discount on an additional pass • Logo displayed at catering points during breakfast | |

COFFEE BREAK SPONSOR **£1,200**

- One complimentary delegate pass and 25% discount on an additional pass
- Logo displayed at catering points during coffee breaks

REGISTRATION SPONSOR **£1,200**

- One complimentary delegate pass and 25% discount on an additional pass
- Logo displayed at registration area during coffee breaks

PROGRAMME SPONSOR **£1,500**

- Opportunity to sponsor a specific day of the programme
- One complimentary delegate pass and 25% discount on an additional pass

DELEGATE BAG SPONSOR **£1,950**

*These can either be provided in kind or can be sourced for you at a cost.

- One complimentary delegate pass and 25% discount on an additional pass
- Logo on delegate bags together with the event logo

ECO LANYARD/BADGE SPONSOR **£1,950**

*These can either be provided in kind or can be sourced for you at a cost.

- One complimentary delegate pass and 25% discount on an additional pass
- Logo on lanyard together with the event logo

EXHIBITION OPPORTUNITIES per single unit **£1,100**

We will have a limited number of exhibition stand spaces available. There will be ample opportunity for maximum interaction between exhibitors and delegates during the registration period, coffee breaks and during lunch.

- A basic exhibition space (approx. 3m wide x 2m deep) is suitable for a pop-up portable display stand or table top display. Two or more adjacent units can be combined to make a larger space
- One free delegate to attend the seminar
- Logo in event brochure issued to all delegates

Sponsorship of the EuALF Awards **£1,200**

If you'd like to be associated with going above and beyond in the Artificial Lift industry, then sponsorship is available for each of the EuALF Awards at a cost of £1,200 + VAT.

Benefits

- Branding on SPE Aberdeen website, abstract flyer, conference programme
- Mention in social media post
- Mention in SPE Aberdeen newsletters
- Branding at the event on slides
- Opportunity to present the award at the event
- Company name on trophy
- X1 free delegate pass to conference plus 25% discount on further passes
- Mention in news release announcing winner

Booking Information

| | Early Bird Until 13 May | Delegate Rate after 13 May |
|---|----------------------------|-------------------------------|
| Members 1 day | £295 | £345 |
| Members 2 days | £390 | £440 |
| Non Members 1 day | £345 | £395 |
| Non Members 2 days | £485 | £540 |
| Students and unemployed 1 day* | £35 | £35 |
| Students and unemployed 2 days* | £60 | £60 |
| ESP Teardown and Root Cause Failure Analysis Training Course – Members | £140 | |
| ESP Teardown and Root Cause Failure Analysis Training Course – Non Members | £285 | |
| Essentials of Gas Lift Training Course – Members | £140 | |
| Essentials of Gas Lift Training Course – Non Members | £285 | |

*Limited tickets available.

Special 'buy 4 get 1 free' rates available

All costs exclude VAT.

Costs above include Car Parking



For more information:
visit the [SPE Aberdeen Website](#)
email aberdeen.events@spe-uk.org
or call 01224 646311