Going Dutch: ATCE conference in Amsterdam
SPE Aberdeen plans for the future
Offshore Achievement Awards 2015 launched

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New beginnings

It has been a momentous few weeks in the UK recently, thanks to the Scottish Referendum and the entire independence campaign, which has been the focus of people’s attention like few political events have been in recent memory.

The votes have now been cast and the UK remains united. It is abundantly clear that our industry is a vital one to all the people who live and work in the British Isles and it remains front and centre of the UK’s energy policy. Industry focus is now likely to return to achieving many of the targets laid out in the Wood Review and working with the regulator and Government to achieve a harmonious and productive relationship.

For the SPE our attention will continue to be on making strides to enhance our tremendous track record for collaboration and encouraging technical innovation. The future of upstream E&P is in our hands. The SPE is not about individuals but a collective of volunteers whose combined talents are far greater than the sum of their parts.

Our goal is to create a platform for each and every one of our members to be able to contribute to the future success of this great industry.

Later this month, the Society of Petroleum Engineers will hold its annual technical conference and exhibition in Amsterdam. It’s only the second time in 90 years that the most prestigious event in the SPE calendar has been held in Europe and expectations for a record-breaking exhibition and conference are high.

Mr Spath, this is only the second time this prestigious event has come to Europe since 1924 - what was the deciding factor this time?

SPE is a global organisation and we host meetings where our members are. Amsterdam is the location this year; in 2015 ATCE will be in Houston and in 2016 it will be held in Dubai.

Who should attend this year’s event and why?

ATCE offers upstream oil and gas professionals across the globe a broad platform for knowledge-sharing. With the variety of conference topics, continuing education and exhibit hall showcasing the latest technology, there’s much to inform petroleum engineers as well as academics, executives, geologists and geophysicists, managers, researchers, superintendents and foremen, technicians, young professionals, and students. There will be more than 400 peer-selected technical papers, training courses, networking events and 300 exhibitors.

What main themes/topics will be discussed at ATCE?

The event will showcase new technologies, products, best practices, as well as all aspects of upstream conventional and unconventional drilling topics. The topic of the opening general session on Monday, 27 October, is Affordable Energy. Experts on the panel will discuss ways to keep energy costs down as operators are forced to spend more, now that so-called easy oil is scarcer. The discussion will also tackle the consequences of rapid growth in population and consumption and their effects on the price of energy. The cost of regulations, water use, and environmental incidents will also be discussed.

Eight special sessions will be held during the conference. On the event’s first afternoon, I will provide an introduction at the Sustainability Task Force Special Session, People, Profit, Planet: Advancing Practices That Balance Economic Growth, Social Development, and Environmental

In an exclusive interview with SPE Review, 2014 SPE president Jeff Spath explains why the Dutch capital was chosen for this year’s meeting, what we can expect from it and why the SPE continues to have a prominent role in the industry.

ABOUT US

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association whose members are engaged in energy resources development and production. SPE serves more than 110,000 members in 141 countries worldwide. SPE is a key resource for technical knowledge related to the oil and gas exploration and production industry and provides services through its publications, events, training courses and online resources at www.spe.org.

The SPE provides services through its global events, publications and website at www.spe.org. SPE Review is published 10 times per year by the Aberdeen and London sections of the Society of Petroleum Engineers. It is sent to over 5,000 UK SPE members, and quarterly to an additional 7,000+ European members.

If you have read this issue and would like to join the SPE and receive your own copy of SPE Review, as well as many other benefits – or you know a friend or colleague who would like to join – please visit www.spe.org for an application form.

The views expressed herein are not necessarily those of the SPE. Extracts may be reproduced subject to a clear acknowledgement of the source.

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The editorial deadline and advert booking deadline for the November issue is October 20, advert copy deadline is October 22, with publication scheduled for November 05, 2014.

CHANGE OF ADDRESS?

If you need to change any of your membership details, please visit the Update your profile link at the foot of the homepage at www.spe.org.
Protection Today and in the Future. During the three-hour session, panellists will discuss issues involving local content, stakeholder engagement and strategic social investment.

Also held Monday afternoon, a Separation Technology Special Session, titled Unlocking Hidden Production Potential in Existing Facilities and Mature Fields, will keep with the opening session theme of affordable energy. The session will explore options for optimising separation facilities to handle the increase in water production and drop in wellhead pressure by assessing methods that better suit the change in production profiles. Solutions explored will emphasise utilising existing facilities while applying suitable, cost-effective upgrades.

The other session is titled Assessing Environmental Impacts to Groundwater, Air, and Our Global Community.

A special session Tuesday afternoon explores the topic CO$_2$-EOR as a Pathway for Carbon Capture, Use, and Storage.

Three special sessions will be held Wednesday morning, titled Drilling, Modelling and Simulation, will cover such topics as the current state of drilling process simulation software and simulators, and simulator concepts from the aerospace and automotive industries.

The second Wednesday morning session, titled Flow Assurance and Multiphase Flow will seek answers to the questions: “Why should we worry about multiphase flows? If so, to what degree, when, and where?”

The second Wednesday morning session, titled Drilling, Modelling and Simulation, will cover such topics as the current state of drilling process simulation software and simulators, and simulator concepts from the aerospace and automotive industries.

The Oil and Gas Industry’s Image: Knowledge vs Perception is Wednesday morning’s third session and will discuss the role hydrocarbons play in everyday life and the cross-discipline and cross-market challenges faced by the oil and gas industry.

What are the key challenges facing the oil and gas industry in the North Sea from the ATCE’s perspective?

There are many challenges we face all over the world. Challenging environments like the North Sea can be extremely sensitive. One issue that will be addressed at ATCE is ageing assets in that sector. There will be a panel session on Tuesday, 28 October from 08:30-11:55 on the future of assets and infrastructure in the North Sea. Panelists include Robert Davenport, Apache; and John L. Hand, ConocoPhillips.

Much is being made in this region about the need for collaboration or the integration of disciplines and work practices. Do you agree?

One of the personal objectives I took as president was to increase the extent to which SPE collaborates with other professional societies and other industries. I think we all will agree that meeting the world’s increasing energy demand is becoming more challenging. Reservoirs are becoming more difficult to find and produce. They are generally smaller, more complex, and exist in increasingly challenging environments, whether in the Arctic, beneath 10,000ft of water, or at very high pressures and temperatures. We need all the help we can get from experts in other domains, other industries, and nascent technologies being developed for different uses.

What role can the SPE play in driving the industry forward? What relevance does it have to the industry and why should engineers consider joining it?

SPE focuses on today and tomorrow for the industry and this conference has something for everyone all along their career continuum, whether they are a seasoned engineer seeking continuing education or a young professional.

For example, at ATCE there will be a day-long offering of four soft skills workshops, organised by SPE’s Soft Skills and Talent councils and Young Professionals Coordinating Committee. Participants will learn ways to sharpen non-technical professional skills to help them excel in their careers. There are two morning-long options: Workshop I focuses on the impact of intrinsic motivation on business results; Workshop II focuses on communication. The afternoon also features two options: Workshop III covers building beneficial relationships and Workshop IV focuses on opportunities for young professionals in oil and gas.

On Wednesday, SPE’s energy4me energy education outreach program offers a complimentary workshop for teachers and a complimentary energy event for students. The teacher workshop includes a tour of ATCE’s oil and gas technology exhibits, hands-on classroom activities appropriate for teachers with students from 8 to 18 years of age, and instructional materials for teachers to take back to their classrooms. The energy event for students includes hands-on energy exploration experiments for students aged 15 and older, a scavenger hunt tour of ATCE’s oil and gas exhibits and energy career materials they can take home.

For further information on this year’s ATCE visit: www.spe.org/atce/2014/
SPE Aberdeen gears up for next 40 years

SPE Aberdeen launched its 2014-2015 session with a special kick-off event that looked ahead to the next generation of activity.

Following on from the section’s successful 40th anniversary celebrations, the launch event, SPE Aberdeen and the North Sea: The Next 40 Years, was held at the city’s Douglas Hotel on 17 September. It also allowed members to meet the many volunteers that help run the section on their behalf.

New chairman, Ross Lowdon, who confirmed the appointment of new section committee members and office bearers for 2014-2015, formally opened the event. Guests also heard from Anthony Onukwu, who has handed over the chairmanship to Mr Lowdon.

Mr Lowdon said: “The positive changes that Anthony Onukwu has put in place throughout the last two years have been critical to our section’s success and this is a platform that I intend to continue building upon.”

Mr Lowdon has been significantly involved in SPE for 13 years and, in particular, has been instrumental in driving forward the SPE Aberdeen Schools Career Guidance programme on a voluntary basis.

Mr Lowdon added: “As the new chairman, I would like to indulge a little in future gazing. I would like to see the SPE grow in terms of membership of course, but also in scope, to broaden our horizons beyond the purely technical and leverage our strengths to build both the consensus and technical leadership required to ensure my children can work in a North Sea displaying all the dynamism and technical leadership that drew my father to the industry 40 years ago. I believe the SPE has the ability to make the necessary leap forward in collaboration and technical innovation to make this happen.”

The evening also included a prize draw for all who attended, with the prize being dinner for two at Aberdeen’s Chester Hotel.

Energy Apprentice event in Aberdeen

SPE Aberdeen Young Professionals have organised an Energy Apprentice event next month (5 November).

Students from Scottish universities are invited to compete against each other by impressing panelists over a series of five rounds. This event provides a great opportunity for students to test their skills and knowledge about the oil and gas industry. The rounds are designed to test entrants in a variety of ways including team-building, rapid-fire questions and case-study presentations.

The event will also provide an opportunity for students to network and interact with the industry professionals and learn about their exciting careers in the industry.

The event takes place at the Douglas Hotel. More details are available via www.spe.org/aberdeen. Further information is also available from organisers Adam Miszewski adam.miszewski@uk.bp.com and Lalit Bhamare bhamarelalit10@gmail.com

Well Intervention simplified

Former chair of the European chapter of the Intervention & Coiled Tubing Association ICoTA, Michael Taggart, presented the SPE Aberdeen Simplified Series lecture held last month in the city.

Mr Taggart, who works for Baker Hughes, addressed a well-attended event at the city’s Station Hotel and began by discussing what well intervention is and its role in the production process.

If drilling and completion operations are considered to be well manufacture, intervention operations are the necessary work involved in maintenance of that well. Like owning a car, if used without taking care of the maintenance, at some point it will fail. Failure of a hydrocarbon-producing well has disastrous consequences. Well intervention will alter the state of the well and is used to carry out well diagnostics and also to manage well production.

With extensive expertise in coiled tubing Mr Taggart explained that his background in this sector would influence his lecture. However he first gave an overview of the main methods of well intervention including: pumping, slickline, braided line, wireline, coiled tubing and snubbing.

He explained that coiled tubing allows the continuous circulation of fluids and allows high deviation well operations. It was first deployed in World War Two as PLUTO (Pipeline Under The Ocean) as a means of supplying fuel to allied forces in France following D-Day. It was first implemented commercially in oil and gas in the 1960s and 1970s.

Coiled-tubing downhole tools are used to perform a variety of well intervention tasks including checking valves, providing an emergency circulation port or release facility. By providing real-time downhole information, strides have been made in dealing with issues surrounding depth control, which has improved efficiency and well recovery.

Mr Taggart urged those engineers and others interested in finding out more about well intervention to attend the 20th SPE ICoTA European Well Intervention Conference, taking place in Aberdeen on 12-13 November.

* Michael Taggart joined BJ Services (now Baker Hughes) in 1993, having previously served in the Merchant Navy before gaining a degree in manufacturing engineering at the University of Paisley.

He is an SPE member and has authored several papers relating to coiled tubing services. He is actively involved with ICoTA and served as chair of ICoTA European Chapter in 2013. In 2014 he will chair the SPE ICoTA Well Intervention Conference.
SD Committee visit to University of Aberdeen

SPE Aberdeen section Student Development Committee (SD Committee) has embarked on a series of visits to Scottish universities.

SD Committee chair Ritika Pawar addresses students at the University of Aberdeen

The first visit was at the University of Aberdeen on 9 September. The main objective of the committee was to introduce the students to SPE and the benefits of becoming a Student SPE member. Student membership is free thanks to industry funding and all relevant students are encouraged to be part of it.

The event commenced with a small presentation from the faculty sponsor, Dr Alfred Akisanya, who introduced students to SPE and explained more about the Aberdeen section. He was followed by SD Committee chair Ritika Pawar who addressed the students. “Almost 50 students were present during the presentation and were very keen to know about SPE and various opportunities existing for them. The presentation was a success and at least 20 students immediately registered for SPE membership,” said Ritika.

The SD Committee awards bursaries to undergraduates, postgraduates and research students studying in petroleum and engineering-related courses every year to encourage the students to be part of the oil and gas industry.

The event concluded with a small presentation by Ross Taylor, who introduced the team of SPE Young Professionals and its various technical and social events to the audience. Nurlana Ahmadova the former president of the University of Aberdeen student chapter shared her experience and achievements whilst being a member and encouraged students to be part of SPE.

The SD Committee visited Aberdeen’s Robert Gordon University on 26 September.

Family day out

SPE members and their families enjoyed a fun-filled family day out and barbecue at Aberdeen’s Kippie Lodge on 13 September.

Well abandonment seminar call for abstracts

SPE Aberdeen will present the 5th European Well Abandonment Seminar on 21 April and organisers issued a call for abstracts.

The seminar will include industry updates, an expert keynote address and an exhibition of services, equipment and technologies.

A pre-conference training course on 20 April will offer an introduction to well abandonment.

Abstracts (200 word summaries) of presentations are invited on all topics relating to the eventual abandonment of wells. Case studies are particularly welcome. Deadline for abstracts is 30 November.

The following subjects are for guidance, but this list is not exclusive:

- Current best practices, equipment, techniques, and guidelines for well suspension and abandonment
- Assessment and assurance of barrier integrity and pressure containment
- Planning for abandonment
- Design or later modification of wells for optimised well abandonment
- Long duration long-term suspension prior to final abandonment
- Logging through tubing, assessment of well condition
- Cross-location learning
- Case studies and experience from UK, Europe and worldwide
- Worldwide legislation and guidelines – current and future
- Methods and materials for different well types (Land, Platform, Subsea, Deepwater, HPHT)
- Future well suspension and abandonment
- Demands on the service sector – what is required and when?
- Development of technology/methods – improvement or cost reduction?
- Adoption of new materials or techniques – benefits analysis and proof of validity
- Risk management of redundant wells
- Management focus
- Suspension and abandonment philosophy – whole well-life costs and future economics
- Expenditure effective well abandonment
- Liabilities (commercial and legal) and assurance in the long term (perpetuity)

Any review of specific commercial products or services should be based on an actual application/case-study with a client.

Visit www.spe-uk.org for information or contact the organisers - email spe@rodgerandco.com

Aberdeen upcoming events – 2014/15

22 October
SPE Edinburgh Meeting Heriot-Watt University. The impact and potential repercussions of unconventional hydrocarbons in the UK. Lawrence Till, Nemien Ltd
Further information appearing on www.spe-uk.org or email spe@rodgerandco.com

19 November
SPE Aberdeen 5th European Well Abandonment Seminar. Call for abstracts (deadline 30 November). Aberdeen Exhibition & Conference Centre Booking and info: www.spe-uk.org/aberdeen/events/
The 2015 Offshore Achievement Awards open for entries this month, with a new category added which will recognise investment into the future talent of the energy industry.

The prestigious awards, organised and hosted by SPE Aberdeen, with the support of principal sponsor TAQA, have celebrated outstanding company success, safety and technology innovations and exceptional individual performance in the oil and gas sector for 28 years.

This year’s new category, Best Graduate Scheme, will recognise companies which offer a graduate programme that demonstrates outstanding contribution to the student community and investment in the next generation of industry leaders and technical specialists.

Ian Phillips, chief executive of OGIC (the Oil and Gas Innovation Centre) and the SPE board member responsible for organising the OAAs, said: “As in previous years, we hope to attract a high calibre of entries from companies large and small. “This year, the Scottish oil and gas sector has come under much scrutiny in light of the Wood Review and the Scottish referendum. In particular, the call for game-changing technologies and out-of-the-box thinking to maximise recovery has never been higher. The Offshore Achievement Awards is the leading forum for recognising the remarkable innovation that goes on in companies across the industry.”

Ross Lowdon, chairman of SPE Aberdeen, said: “Innovation in the oil and gas industry is going to be key in the continued growth of Aberdeen as the European energy hub. These awards encompass that spirit of innovation and achievement, celebrating what is best in the industry and providing a showcase for the new technologies that will drive the development of the North Sea in future years.”

The awards are now open for entries from UK-registered companies operating within the renewables or the oil and gas industry.

The 2015 Offshore Achievement Awards categories are:
- Export Achievement
- Safety Innovations
- Emerging Technology
- The Innovator
- Great Small Company
- Great Large Company
- Working Together
- Young Professional
- Significant Achievement
- Inspiring Leader
- Environmentalist
- Best Graduate Scheme (new for 2015)

The Offshore Achievement Awards are open for entries until Monday 1 December, with the black-tie ceremony taking place at the Aberdeen Exhibition and Conference Centre on Thursday 12 March 2015. For further information and entry criteria, please visit www.spe-oaa.org

Deep Offshore Technology International (DOT) in Aberdeen to focus on maximising resource recovery

A sustained period of elevated project costs is prompting a renewed measure of capital discipline among industry players. This, in turn, is compelling buyers to evaluate new technologies and supply chain efficiencies to increase production and recovery, reduce costs and manage risk. In other words: maximising resource recovery. This global trend is also the theme of this year’s DOT, which, for the first time since its inception in 1981, will be staged on the shores of the UK continental shelf (UKCS).

While the UKCS is estimated to hold 12-24 Bboe of untapped resources, Sir Ian Wood recently outlined his strategy for maximising the economic recovery from the UKCS. According to Wood: “I see this as a watershed opportunity to ultimately reshape the regulatory environment, extend the life of the UKCS, and bring at least £200 billion (US$334 billion) additional value to the economy over the next 30 years. We need to step up our game to maximise the recovery of our hydrocarbon reserves and attract more investment.”

The UKCS has been a substantial contributor to the global reserves base, yielding more than 42 Bboe so far. Favourable commodity prices have spurred legacy players and newcomers to explore frontier and under-explored areas of the North Sea. Despite this, global and regional issues are slowing the pace of domestic drilling and development. These issues will be discussed during the North Sea Outlook: Opportunities and Challenges session at DOT. This session will feature presentations from Philippe Guys, CEO of TOTAL UK; Tony McGarva, acting project manager and subsurface manager of Chevron Upstream Europe’s Rosebank project; and Tamara Sebire, Catcher area development manager at Premier Oil.

For more information on the 2014 DOT conference and exhibition, please visit: http://www.deepoffshoretechnology.com/index.html
Deep Offshore Technology (DOT) International 2014 will address these topics and more with presentations by the industry’s key players from national and international operating companies.

Presentations by National and International Operating Companies

Register Today!
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Intervention industry joins to consider its future at annual event

As a critical factor in optimising brownfield production, well intervention is a major fiscal and operational consideration for the North Sea.

While there’s no doubt, as a mature province, the emphasis is shifting increasingly toward decommissioning and plugging and abandonment, the UKCS still meets almost half of the UK’s total primary energy needs, so it makes commercial sense to explore more options to optimise return from older reservoirs.

The challenges – and possible solutions – will be discussed at the SPE ICoTA 20th European Well Intervention Conference, to be held at the Aberdeen Exhibition and Conference Centre on 12-13 November.

“The event will provide an excellent forum for discussions and delegates will be able to hear about new technology developments, novel applications of existing technology and case histories,” said conference chair Michael Taggart.

“The right intervention technology is capable of delivering as much production as the drill bit. As such, there’s a fantastic opportunity for pioneering and innovative minds to help develop solutions that balance the needs of safety, efficiency and budget restraints,” ICoTA chair Kelly Murray said: “We expect all these issues to be considered at the event in November.”

The SPE ICoTA European Well Intervention Conference is Europe’s premier forum for exchange and discussion of the latest developments in well intervention and completion techniques. Now in its 20th year, the conference has matured into an event where well intervention professionals attend to share knowledge, learn and do business.

Both the Wood Review and the Oil and Gas UK Industrial Strategy have outlined the need for improved industry collaboration as imperative to the continued profitability of the UKCS.

“Cross-industry collaboration will be the catalyst the industry needs to develop new technologies: extending the life of mature fields. There will always be a place for traditional techniques, but many think we now need something altogether different, a step change in how we work together if you like,” said Murray.

Well intervention is difficult to plan and is often reactive. We know too, for all its advantages and stability, that the North Sea is a relatively expensive place to do business. Lifting and personnel costs are high and the ageing infrastructure and hostile environment present specific challenges.

“Traditional intervention tools still have a role to play, but the industry needs to work together to evolve the available technology,” said Taggart.

“For example, the coiled-tubing industry is undergoing a period of change. With weight as a crucial factor, there have been investigations into lighter materials but they can be more expensive than steel and fundamentally, we don’t want to lose the strength and depth capabilities.

He added: “Complementary technologies and new vessels giving higher uptime during the winter months for coiled tubing, slickline and wireline operations are coming into play so it’s an exciting time for the wider intervention industry right now.”

Murray said: “We’re definitely at a crossroads in the well intervention industry as the emphasis starts to move to decommissioning.”

“If we can collaborate and bring technology to market that represents a tangible difference to the operators’ bottom line, as they look to optimise recovery from mature reservoirs, then well intervention is one service area that can look ahead to a bright future.”

For further information about the conference and exhibition, log on to www.icota-europe.com or www.rodgerandco.com
SPE London hosts autumn networking event

The SPE London Young Professional committee hosts its 2014 Autumn Social event on 9 October. The casual networking event takes place at the Tattershall Castle at the Embankment.

The event allows SPE members to catch up in style, surrounded by one of London’s most glamorous locations. The lounge space on this old paddle steamer is reserved for SPE YPs, offering fantastic views over London’s landmarks. Drinks are served from 7pm.

Tickets cost £4, dress code is smart-casual. More information and booking details are available at: london.spe.org

SPE London Dinner Talk – 28 October 2014

The application of Bright Water™ EOR technology will be the subject of a presentation to be delivered by BP Senior Petroleum Engineer Dave Thrasher to SPE London on 28 October.

A common problem for waterflood developments of oil reservoirs is that reservoir heterogeneity can cause early water breakthrough, leading to poor sweep, reduced oil recovery and higher operating costs. Complementary to its LoSal™ EOR technology for reducing residual oil saturations, BP has been applying another chemical EOR technique using Bright Water™ particles to improve waterflood sweep, and has now treated more than 100 wells to date. Developed by a JIP from a BP concept, the key features of this self-targeting technology will be described, together with examples where it has been deployed around the world.

Dave Thrasher is a Petroleum Engineer who has worked in oilfield technology for most of his 27-year career. After graduating from Imperial College London with a Master’s degree, he joined BP operations in Aberdeen and a few years later moved to BP’s Upstream Technology Centre in Sunbury. His main interests are in waterflood developments with a current focus on deployment of Bright Water™ and other EOR technologies. He has also been active in microbial EOR, reservoir souring prediction and control, water and gas control, and performance of water injection wells and facilities.

The event will be held at the Geological Society. Bookings can be made online at www.katemcmillan.co.uk or by email to: katespe@aol.com

SPE Aberdeen October distinguished lecturer

SPE Aberdeen’s distinguished lecturer series continues on 22 October, at Aberdeen’s Douglas Hotel, when Shell’s Mark Brinsden presents Perforating for Inflow Performance in Natural Completions.

Delivering well performance in tighter and more marginal reservoirs requires a greater degree of focus on the interface between the well bore and the reservoir. Conventional perforated wells still represent a majority of completions and optimising the perforating by applying both relevant perforating technology and modeling can provide significant gains in both NPV and ultimate recovery and in some cases project cost.

There have been significant changes in the way we measure and model charge and gun performance in recent years. In addition, combination with several currently available new technologies have made the process of perforating optimisation both more valid and more useful.

Mark will discuss how technology and modeling tools now make it possible to identify the optimum perforating scheme, methods of measuring perforator performance and the latest perforating technology to make perforations deliver.

Mark S Brinsden is a Senior Production Technologist, Principal Technical Expert and Team Lead – Perforating for Shell’s global business, with a focus on delivering well performance from effective perforating. Mark runs a functional team of Subject Matter Experts and focal points throughout the Shell Global organisation to help deliver results at field level. He has a BSc from Edinburgh University and has 33 years of industry experience covering many of the operating areas across the world.

For more information and how to book, visit: www.rodgerandco.com

London upcoming events – 2014/15

9 October
SPE London, Autumn Social
The Tattershall Castle, Victoria Embankment, Whitehall, London, SW1A 2HR

13 November
SPE London, Student Paper Contest
Royal School of Mines, Imperial College London, SW7 2AZ

18 November
10th Annual Introduction to E&P
Royal Geographical Society, 1 Kensington Gore, London, SW7 2AR

2 March 2015
WIE (Women in Energy)
The Royal Institution of Great Britain, 21 Albemarle Street, London, W1S 4BS

23 April 2015
Unconventional Energy Seminar – The Future for Heavy Oil and Shale Gas in the UK
The Royal Institution of Great Britain, 21 Albemarle Street, London, W1S 4BS

9-10 June 2015
SPEi/London Section Conference
One Great George Street, Westminster, London, UK

10 June 2015
Gala Dinner
Claridge’s, Brook Street, Mayfair, London, W1K 4HR

For more information, or to book any of these events, visit: www.spe-uk.org or www.katemcmillan.co.uk

SPE LONDON SPONSORS:


www.spe-uk.org
Imperial College London continued to reinforce its strong links with BP with a visit to the International Centre for Business and Technology at the Sunbury-on-Thames site.

A group of 10 petroleum engineering MSc and six PhD students participated in a bi-monthly BP mentoring session organised for the fourth time by Rudolf Umla and Ernesto Guevara.

The August visit began with an informal networking session over lunch between the students from the Earth Science and Engineering Department and a team of BP’s early-career professionals. Subsequently, BP reservoir engineers Marianna Sinakova and Rudolf Umla shared valuable insights into a major integrated oil and gas organisation touching upon asset management, specialist research, discipline integration, and current challenges. This was followed by a visit to BP’s flagship Pushing Reservoir Limits laboratories led by SCAL specialist David Mercer. It was a thrilling introduction to cutting-edge research and state-of-the-art facilities in core-flooding imaging, and dynamic rock and fluid analysis.

The visit is one of many important activities where industry meets and connects with Imperial College’s petroleum and geoscience graduates, and shares exciting commercial possibilities and frontier science with young professionals.

SPE Consultant listing

Dr Sib Akhtar – 35+ years’ experience, reverse production decline with field-proven gas compression solutions, field studies & design of gas compression facilities for oil, gas and condensate fields; specialises in satellite integration and life extension of mature fields. Integrated Asset Modelling, Full Project Management service from concept design to commissioning. MSE (Consultants) Ltd. › email: sib.akhtar@mse.co.uk › tel: +44 (0)1372 700 760 › www.mse.co.uk

Alasdair Campbell – Completion Design & Technology Specialist, Well Design Studies, Project Management Services › tel: +44 (0)1358 720789 › mob +44 (0)7981 381294 › email: ali@wellwizards.com › www.wellwizards.com › 3B Bruce Crescent, Ellon, Aberdeenshire AB41 9BW

Maurice Cotterill – CEng, FIMMM – ex-HPHT expertise, well design, advanced casing/tubing analysis, studies/reviews › email: maurice.cotterill@sede.co.uk

Merlin ERD Ltd – Extended Reach Drilling consultants › Feasibility/Design/Training/Rigsite support leading to Trouble-Free ERD, High-Angle & Complex wells ... and we do Spitfire flypasts too! › tel: +44 (0)1738 627922 › email: iain.hutchison@MerlinERD.com › www.MerlinERD.com

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Imperial College students visit BP

ICL students at BP’s International Centre for Business and Technology at Sunbury-on-Thames

London hosts E&P seminar

The 10th annual Introduction to Exploration and Production seminar takes place in London next month, providing newcomers to the industry the opportunity to learn more from respected professionals.

The one-day seminar, taking place at the Royal Geographic Society, is aimed at people working in the E&P sector who are new to the industry and would benefit from a solid foundation in the processes and elements that make up E&P projects.

A series of presentations by industry and academic specialists will cover the subsurface petroleum geoscience and engineering disciplines. The presentations will be at a basic level and will help attendees develop a good overall view of upstream disciplines.

Topics include: E&P in global context; geology and geophysics, drilling and petrophysics; reservoir engineering and PRMS; facilities and production engineering; safety and risk management; economics and commercial; managing E&P projects.

The event is sponsored by Senergy and OPC. More information and booking details are available from: www.katemcmillan.co.uk Tel. 07736 070066 or email katespe@aol.com

Imperial College London continued to reinforce its strong links with BP with a visit to the International Centre for Business and Technology at the Sunbury-on-Thames.

A group of 10 petroleum engineering MSc and six PhD students participated in a bi-monthly BP mentoring session organised for the fourth time by Rudolf Umla and Ernesto Guevara.

The August visit began with an informal networking session over lunch between the students from the Earth Science and Engineering Department and a team of BP’s early-career professionals. Subsequently, BP reservoir engineers Marianna Sinakova and Rudolf Umla shared valuable insights into a major integrated oil and gas organisation touching upon asset management, specialist research, discipline integration, and current challenges. This was followed by a visit to BP’s flagship Pushing Reservoir Limits laboratories led by SCAL specialist David Mercer. It was a thrilling introduction to cutting-edge research and state-of-the-art facilities in core-flooding imaging, and dynamic rock and fluid analysis.

The visit is one of many important activities where industry meets and connects with Imperial College’s petroleum and geoscience graduates, and shares exciting commercial possibilities and frontier science with young professionals.
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Well Engineering Competency Programme

The WEC programme is a mentored distance learning Well Engineering Competency Programme. Two programmes are available, one for Drilling Engineers and one for Completions Engineers. Candidates are typically in their first years as a graduate engineer or are more experienced engineers who don’t have any formal drilling or completion qualifications. The programmes are based on the member completing 35 self-study modules, practical experience with their employing company and attendance at training courses. The programme lasts 24 months, culminating in final exams.

The two programmes can be joined to create a three year combined programme. Access to a team of Mentors with significant experience in the industry is available throughout the programme, as is access to WikiWell, the technical web based information resource for the WEC programmes.

Environment, Health and Safety Programme

Due to be launched later this year, the EHS competence programme for HSE professionals and other staff involved in the HSE area of the drilling and offshore industries.

To find out how these programmes can benefit your company and your engineers or to request a demo pack please Email: WECSales@fp-g.com or call Tel: +44 1624 638580.