

# SPE REVIEW

The magazine for the Aberdeen and London sections of the Society of Petroleum Engineers

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the crest of a wave**

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supports talented  
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## 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](http://www.spe.org)

The SPE provides services through its global events, publications and website at [www.spe.org](http://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](http://www.spe.org) for an application form.

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## 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](http://www.spe.org)

## COVER IMAGE

Courtesy of Technip UK Limited.

# SPE: working together, providing support

The Society of Petroleum Engineers is an organisation that is held in high regard within the oil and gas industry.



**Anthony Onukwu**  
SPE Aberdeen Chair 2013/14



**Arnaud Mille**  
SPE London chair 2013/14

Indeed, many of the industry's leading figures are members and the Society helps bring some of the most experienced and knowledgeable experts in their fields together with the brightest and most talented young graduates and students. It is the diversity of skills, enthusiasm and willingness to share information and ideas that contributes to making SPE such a vibrant and influential organisation.

One of its key strengths is the Society's commitment to engagement – which includes the promoting of some of the world's largest industry exhibitions. This allows SPE to be at the forefront of highlighting new technology and development and sharing industry best practice with our peers.

Of course, we do not operate in isolation, and to illustrate the point this month we have sought the views of another industry body that shares a similar passion for supporting its members. Neil Gordon, chief executive of Subsea UK, offers his insight into the North Sea sector and it is clear there are still considerable opportunities for all of us who work in oil and gas.

SPE has played a hugely significant role in developing the young engineers and future leaders that our industry needs and this edition also features the tremendous work being done by the Aberdeen Section, which has announced the winners of its 2013–14 Student Bursary Awards.

The bursary scheme was established in the 1990s and since then hundreds of students have benefited from the support it provides as they progress with their academic studies and launch their careers in the oil and gas industry.

In Aberdeen and London, we are dedicated to providing support to all our student members and ensuring they have every opportunity to learn and develop with SPE. It is clear there are exciting challenges and opportunities ahead.



SPE has played a hugely significant role in developing the young engineers and future leaders that our industry needs.



# Subsea sector on the crest of a wave



The UK's subsea industry is in rude health, thanks to the best supply chain in the world and a desire to meet the challenges of the future both at home and internationally.

The confidence demonstrated by Neil Gordon, chief executive of Subsea UK, the industry body which has become a leading voice for the sector in the United Kingdom Continental Shelf and celebrates its 10th anniversary this year is, he believes well justified.

"The subsea sector in the UK is still very, very healthy at the moment. With efforts to maximise recovery there is a hope that we can achieve another 40 or 50 years as an industry," he said.

"From an industry which many thought would last 10 years at the beginning, advances in available technology have allowed us to develop a number of fields and their life expectancy has been extended dramatically.

Working together with organisations such as SPE and a range of industry and governmental bodies, Gordon is confident the sector can maintain its world-class subsea expertise. The well publicised skill shortage in the oil and gas industry is, of course, one factor that could hinder development, but Gordon believes it is up to the industry and the Government to address that challenge.

"We have a challenge to grow and we have to have a long, middle and short-term view. Because subsea is below the surface you do not see what a fantastic industry it is and we are trying to raise awareness of it."

"The UK has the best supply chain in the world. The challenge for the future is to grow that globally as other regions will grow. Yes, other countries have developed some great technology but when you look at a project end-to-end with the technology, engineering, construction – I believe we are producing the best package."

A look at the statistics appears to bear out Gordon's optimism. Last year, the value of the subsea sector to the UK economy was estimated at £9 billion, and of that, 43% was down to exports. The forecast for subsea tree awards from 2014 to 2018 reveals 25% are destined for Europe, and

while 30% are planned for Africa, a number of those will be manufactured in the UK/Europe. Out of approximately 5,000 subsea wells, the UKCS has the lion's share at around 1,900.

Such confidence is reflected in the expansion of Gordon's own organisation. Subsea UK has grown from about 30 members 10 years ago to approximately 300 members today. At the time of going to press Subsea UK's flagship event, Subsea Expo, which runs from February 5–7 in Aberdeen, was expected to attract up to 5,000 visitors over three days as the organisation looks at a year-on-year growth rate of 1,000 delegates for the event.


In terms of the future, Gordon sees the sector going bigger and deeper and draws analogies with the space industry in terms of technical development. It's not that long ago that we were celebrating the success of the first wet tree. Now the industry is looking at fully-fledged systems the size of a football field.

The 3,000 metre depth mark has been a massive psychological milestone for the subsea industry. Gordon fully expects 4,000 metres and 5,000 metres to be reached in due course but won't be drawn on a timescale as there's still plenty of work to be done at the 3,000 metre level.

"Subsea processing will be important for the future and there is a trend towards moving everything from top-side towards the bottom of the sea. There is also a lot of emphasis now on IOR and EOR as the industry looks to get closer to the source."



As an example, he cites the significant impact on the coffers of moving a standard UKCS well from 40% recovery to more than 50%, multiplied across the region.

He also believes there is huge opportunity for subsea development in the IRM market, along with an increase in communication between the subsurface and subsea sectors.



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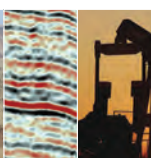
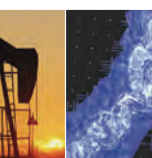

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Registration now open

## Petroleum Geoscience of the West Africa Margin

**31 March - 2 April, 2014**  
The Geological Society, Burlington House, Piccadilly, London


Petroleum Exploration along the West African margin has a long history. Discovery of commercial oil in the Niger Delta in 1956 and offshore Angola in 1966 led to these two countries becoming the largest oil producers in the region today, accounting for 5% of global daily oil production. Even with this extensive history, however, new exploration plays continue to be found with imaginative ideas & innovative technology.

In the last decade, independent oil companies have aggressively pursued new concepts – from stratigraphic traps in Ghana to recent exploration success in Cameroon & Equatorial Guinea. Independents and Majors now compete head-to-head in the more “mature” areas such as Gabon & Angola, investing in new play concepts and exploring the pre-salt, prompted by successes on the conjugate Brazilian margin. To the south, Namibia is undergoing renewed exploration activity. In short - it's an exciting time to be exploring in West Africa.

This conference will showcase the regional geology, from Morocco to South Africa, sharing insights on recent exploration successes and emerging plays, & integrating inputs from academia, industry, and national oil companies.

**Keynote Speakers:**  
 Prof. Gerard Stampfli, University of Lausanne  
 Dr. Paul Dailly, Kosmos Energy  
 Dr. Mike Mayall, BP

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Call for Abstracts Deadline: 25 April 2014

## Small to Subseismic Scale Reservoir Deformation

**29-31 October 2014**  
The Geological Society, Burlington House, Piccadilly, London





Small to subseismic deformation features can negatively impact reservoir performance and/or be stimulated to enhance field recovery. In many cases such features are controlled by, or interact with, similarly scaled sedimentological features, complicating conventional views of intra-reservoir connectivity and flow unit definition. Whilst the intra-reservoir distribution of these small-scale features has traditionally been ‘modelled’ in the subsurface by applying data from analogue outcrop studies, the recent advances in the acquisition and processing of both seismic and imaging techniques, such as helical CTscans, have provided greater resolution of the ‘subsurface’ than ever before.

This 2-day international conference will bring academic and industry geoscientists and engineers together, to examine: (i) how much extra geological detail modern seismic and imaging techniques are now able to provide; (ii) how that expansion of detailed information is being approached and captured by interpreters - and tied back to real reservoir geology; (iii) what ‘new questions’ are now being asked of outcrop and well based studies in order to address the ‘unseen challenges’ of subseismic deformation; (iv) how this is influencing the level of detail that should be captured to define better subsurface flow characteristics within flow simulation models; and (v) how depletion and injection impact upon formation and reactivation of reservoir scale deformation features.

**Call for abstracts:**  
 Please email paper and poster contributions to [laura.griffiths@geolsoc.org.uk](mailto:laura.griffiths@geolsoc.org.uk) and copy to [mikeashton@badleyashton-america.com](mailto:mikeashton@badleyashton-america.com) by 25 April 2013.

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Aberdeen Section  
[www.spe-uk.org](http://www.spe-uk.org)



Sand Management Network  
[www.sandmanagement.com](http://www.sandmanagement.com)



## 6th European Sand Management Forum

**26-27 March 2014**  
 Aberdeen Exhibition & Conference Centre, Scotland





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# SPE Aberdeen supports talented students

The Society of Petroleum Engineers (SPE) Aberdeen Section has announced the winners of its 2013-2014 student bursary programme.

A total of 24 students have received funding this year following an evaluation by a cross section of the judging panel who independently assessed written submissions from more than 100 students who applied.

Full time under-graduate and post-graduate students attending Strathclyde, Dundee, Heriot-Watt, Robert Gordon and Aberdeen universities who study engineering, or oil and gas industry-related courses were invited to apply for the bursaries.

Having supported students with these and equivalent awards for more than 15 years, SPE Aberdeen has made a sustained contribution that has had a significant boost to the industry exceeding £300,000.

SPE Aberdeen has a dedicated Student Development Committee, consisting of industry professionals, representatives of SPE Aberdeen student chapters and academic sponsors. The committee provides opportunities for students to enhance their technical knowledge and professional competence through industry events and specialised conferences, as well as more informal meetings.

Shankar Bhukya, chair of the Student Development Committee, said all University SPE Aberdeen chapters had responded with a great mix of students from courses at Bachelor, Masters and PhD stages, with students studying a wide range of relevant courses.

Shankar added: "The quality of the applications this year has been exceptionally high and due to this we had to choose the winners who have achieved more than a 70% collective average score from the judges."

"Winning students were recognised for the calibre of student, quality of their answers and the opinions/views they articulated, and thirdly for their involvement in the industry through the likes of SPE. The students winning the biggest award amount really stood out, and were considered worthy recipients."

The three outstanding students, who each received a £2,500 award, were: Richard Langley, studying MEng Mechanical and Offshore Engineering at Robert Gordon University in Aberdeen; Nick Simmister, studying MSc Integrated Petroleum Geoscience at Aberdeen University and Maya Hussain, studying MSc Petroleum Engineering at Heriot-Watt University, Edinburgh. All other students received a £500 award from SPE Aberdeen.

Shankar added: "Judges recognised the quality of students at all levels of their study, and commented that this standard bodes well for the industry's future personnel needs."

Alan Dick has been a member of the SPE Aberdeen section since 2000. He has been closely involved in the development of the bursaries and served on the judging panel for several years.

He said: "One of the key things is the legacy that has been built over the years that the awards have been given. It is a commitment that the Aberdeen Chapter board has sustained regardless of whether the industry has been buoyant or in a downturn."

"One of the key reasons I got involved was to put something back and engage with people coming into the industry and who come along to the chapter meetings. Bursaries give additional support, encouragement and motivation."

Money accrued from the regular events organised by SPE Aberdeen throughout the year is channelled back into the bursary scheme – a constant cycle of money going back in to support the next generation of oil and gas professional engineers.

The number of seats of learning involved has grown over the years, with the original 'founding' student chapters at Robert Gordon University and Heriot-Watt being augmented by Dundee and Strathclyde, with Aberdeen University joining in 2008.

Aberdeen Section chairman Anthony Onukwu said: "The student bursary initiative is one of the SPE Aberdeen's greatest achievements and we will be working hard to make sure we sustain it. 2014 is special because we are marking 40th anniversary of SPE Aberdeen, and our commitment to support students studying oil and gas related courses remains strong."

In addition to providing support to the students, the bursary awards serve as an additional arrow in the quiver of career development for the students.

Mircea Calarasu, (RGU), was a recipient of the 2012-13 top awards. Mircea, who is studying for a BEng in Mechanical Engineering, said: "The award has greatly motivated me to continue keeping my academic standards high, as well as supported me financially in acquiring essential course materials. My future career will undoubtedly benefit from this award, and I am planning to use the rest of my prize money as a resource toward any postgraduate courses."



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Registration now open


## Reducing Subsurface Uncertainty & Risk Through Field-Based Studies

The Value of Outcrops and Analogues in Hydrocarbon Exploration, Development and Production Implications for Global Exploration and Production

### 4-6 March 2014

The Geological Society, Burlington House, Piccadilly, London





This meeting will provide a timely revisit and reappraisal of the value and impact of outcrop based fieldwork in hydrocarbon exploration, appraisal, development and production. In recent years we have seen a refreshed focus on frontier exploration, in increasingly difficult settings, and the challenges of new developments such as deepwater clastics and carbonates. This has led to the resurgence in the appreciation, use and need for outcrop based studies as analogues and benchmarks for the subsurface. This applies both to the overburden and the reservoirs. Digital technologies such as remote sensing and digital data capture have revolutionised field-studies, however traditional methods (e.g. mapping, logging and sampling) remain at the very core of any field study.

This meeting offers an exciting opportunity for key researchers and users of these datasets to come together, learn from recent advances and look forward to future directions and needs. A key objective is to engage industry groups and academia in a dialogue and knowledge sharing that reflects the current status and future potential of this important area.

**Themes:**

- Exploration: Reconnaissance-scale fieldwork
- Structural Analogues - regional to reservoir scale
- Applications to Reservoir and Field Appraisal, Development and Production: Outcrop-scale fieldwork
  - o Clastics
  - o Carbonates
- Unconventional Hydrocarbon Resources
- Health, Safety & the Environment and field studies
- Looking to the future

**Keynote Speakers:**

Andy Whitham, CASP

Dave Hodgson, Leeds

Dave Sanderson, Southampton

Art Donovan, bp

Caroline Gill, Shell

John Howell, Bergen

For more information please contact: Laura Griffiths, Events Co-ordinator, The Geological Society, Burlington House, Piccadilly, London W1J 0BG. T: 020 7434 9944 F: 020 7439 8975



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Shankar Bhukya



Alan Dick

## 2013/14 bursary awards

### £2,500 Awards:

Cooper, Richard Roland Langley, MEng, Mechanical and Offshore, Engineering, RGU

Nick Simmister, MSc, Integrated Petroleum Geoscience, ABDN

Hussain, Maya, Alisa, MSc, Petroleum Engineering, HW

### £500 Awards:

Zalewski, Adam, MEng, Petroleum Engineering, ABDN

Drobena, Michal, BSc, Petroleum Geology, ABDN

Buba, Ibrahim Muhammad, MSc, Energy Finance, DD

Beveridge, Stuart, MSc, Applied Chemistry and Chemical Engineering, STR

Soni, Kishan Pawan Kumar, MSc, Reservoir Evaluation and Management, HW

Anne Vijay, MSc, Oil and Gas Engineering, RGU

Petrus, Rami, MSc, Managing in the Energy Industries, DD

Nasriani, Hamid Reza, PhD, Petroleum Engineering, HW

Joseph, Jimmy Tom, MEng, Petroleum Engineering, ABDN

Omar-Muazu Zainab, MSc, Oil and Gas Engineering, RGU

McCarthy, Kyle, MSc, Oil and Gas Engineering, ABDN

Cawood, Adam, Joshua, BSc, Geology and Petroleum Geology, ABDN

Ikeazota Iheanyi Maduabuchi, MSc, Petroleum Engineering, RGU

Yousaf, Shahir, MEng, Petroleum Engineering, ABDN

McClenaghan, Philip, MEng, Petroleum Engineering, ABDN

Amoah, Nana Ama, Baanowa, MSc, Energy Finance, DD

Ahmadova, Nurlana, BEng, Petroleum Engineering, ABDN

Babayev Farid, BEng, Petroleum Engineering, ABDN

Coughlan, Darren, MSc, Oil and Gas Engineering, ABDN

Parikh Nilay Vrajesh, MSc, Oil and Gas Engineering, RGU

Okwananke, Anthony, PhD, Petroleum Engineering, HW

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# Sand management forum

More than 150 delegates are expected to attend the Sixth European Sand Management Forum, which takes place next month.

The conference organised by SPE Aberdeen and the Sand Management Network takes place at the Aberdeen Exhibition and Conference Centre on March 26–27.

The Sand Management Network, set up to address key issues, is committed to exchanging ideas on sand management technology use and effectiveness.

Key points that will be discussed during the forum include: Sanding Prediction; Monitoring; Topsides Management; Sand Control; Intelligent Systems; and focus on global sand management issues.

The biennial conference has gained in stature over the years as sand production issues play a greater role in the economics of the oil and gas industry.

Co-chair of the SPE SMN Sand Management Forum steering committee, Colin Jones, said: “We’ve had an excellent response from sand management specialists who wish to come together to share ideas

and industry best practice. We have also had considerable interest from professionals in other disciplines and from students keen to find out more about the growing sector of petroleum engineering.”

“Aberdeen is home to many individuals and companies operating at the cutting-edge of technological development and the Forum is likely to be a hotbed of ideas sharing and productive networking opportunities.”

The Sand Management Network, which launched in 2004, is comprised of companies honing their expertise to tackle sand management related issues in the North Sea and elsewhere.

Open to all corporate organisations who can add value and benefit from membership, the network currently consists of 15 operators, 15 service companies, four universities and UK Department of Environment and Climate Change (DECC).

The forum will principally benefit operator staff working in the area of production and sand management, as well as service company personnel and consultants developing technology to address sand management issues.

**Sessions Themes Include:** sand management and asset integrity; rock and fluids testing; sand monitoring, handling and remediation; downhole sand control selection.



A pre-conference training course is held at **Aberdeen Exhibition & Conference Centre takes place on March 25.**

For exhibition stands and sponsorship opportunities visit [www.spe-uk.org/aberdeen](http://www.spe-uk.org/aberdeen) or email [jane.mcclure@rodgerandco.com](mailto:jane.mcclure@rodgerandco.com)  
Early Bird delegate booking discount is available until February 26.

The conference programme is available at [www.spe-uk.org/aberdeen](http://www.spe-uk.org/aberdeen)  
The event is organised by Rodger and Co. [www.rodgerandco.com](http://www.rodgerandco.com)

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**Kwabena Kwakwa** – BSc, MPhil – 30yrs+ experienced applied geomechanics specialist › wellbore stability, sand production, depletion effects, fracturing design, etc › tel: +44 (0)1932 560484 › mob: +44 (0)7989 383084  
› email: [kkwakwa@energy-tech.co.uk](mailto:kkwakwa@energy-tech.co.uk)

**Andrew J McHardy** – CEng, FEI, Chartered Petroleum Engineer, SPE, PESGB, AIPN, Honorary University of Dundee Centre for Energy and Petroleum and Mineral Law and Policy › statutory well examination, well engineering control, well engineering & project management › Blue Skies Energy Resources Ltd › email: [jobdone@bser.co.uk](mailto:jobdone@bser.co.uk)  
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## SPE Aberdeen Young Professionals host Christmas party



Members of SPE Aberdeen Young Professionals and guests enjoyed the first annual Christmas party in Aberdeen. Students and SPE board members also attended the sell-out party

The SPE Aberdeen Young Professionals (YP) organised an informal annual Christmas party event in Aberdeen.

The first of its kind event opened the doors to more than just the Young Professionals. The event was led by Philip McClenaghan, sub-committee communications officer and assisted by Ross Taylor, sponsorship officer for the SPE Aberdeen YP section.

Philip said: "The idea behind the event was to integrate the whole oil and gas community in Aberdeen from the students that will soon emerge into the industry, to the main SPE board. It was a time to celebrate both our SPE Aberdeen YP 2013 achievements and the festive season together".

The event, sponsored by Offshore Magazine, was held at The Palm Court Hotel in Aberdeen on the December 4, 2013 and had a very successful turnout. It was a sold out event with close to 50 people attending.

Nikhil Shindgikar, SPE Aberdeen YP co-chair said "It was a fantastic event. The atmosphere was great and everybody had a lot of fun. It was also an opportunity for the SPE Aberdeen YPs, the main board members, the oil and gas professionals and the students to meet up and network with each other. We will aim to have a similar event in 2014".

## New look website for Aberdeen Section



Homepage

The New Year has seen the SPE Aberdeen Section launch a new website that promises to be more interactive and user-friendly. The new site, has been created by Neil W8man Social Media Solutions, following a request from SPE Aberdeen's Communication committee.

Aberdeen section manager, Diane Wood said: "The SPE Aberdeen Section committee had been keen for some time to give the website a more attractive experience and at the same time make it easier for content to be uploaded on behalf of our members.

"As one of our main means of communication with our 3,000 members, it was important for it to be updated quickly and easy to navigate. We shall be able to offer more attractive content such as video and links to social media."

If you haven't seen it yet, check it out at: [spe-uk.org/aberdeen](http://spe-uk.org/aberdeen)

## Finalists announced for Offshore Achievement Awards

The shortlist for this year's Offshore Achievement Awards has been announced and recognises some of the very best talent and successes from across the UK offshore industry.

The awards, organised and hosted by the Society of Petroleum Engineers Aberdeen Section, with the support of principal sponsor TAQA, celebrate exceptional performance across a range of categories including safety innovations, technology breakthroughs and company successes. The awards also recognise individual achievements, contribution to the offshore industry and collaborative working.

The 28th awards ceremony will take place on Thursday 20 March at the Aberdeen Exhibition & Conference Centre and is set to attract an audience of more than 500 industry professionals from across the UK.

Ian Phillips, director of energy business consultancy Pale Blue Dot Energy Limited and the SPE Aberdeen board member responsible for organising the OAAs, said: "The Offshore Achievement Awards once again highlight the pioneering work performed within the offshore oil and gas and renewables industry. This year's judges were extremely impressed by the talent that the UK industry has to offer.

"The awards showcase examples of true innovation and hard work, and present a superb opportunity for companies and individuals to be recognised by their peers. SPE Aberdeen hopes to inspire and encourage others to take a creative approach to their work in the offshore industry and to stand up and be recognised by telling their story."

Sean Lock, one of the UK's most highly acclaimed comedians and a team captain on popular comedy panel show '8 Out of 10 Cats', will host the awards ceremony and present trophies to each of the category winners. For further information about the awards, view the shortlist or book a table at the ceremony, please visit [www.spe-oaa.org](http://www.spe-oaa.org)

## The finalists for the 2014 Offshore Achievement Awards are:

### Export Achievement (sponsored by Saltire Energy)

EnerMech  
EV  
Tendeka

### Safety Innovations (sponsored by Petrofac)

AMEC  
Stork Technical Services - ERBAS  
Viper Subsea

### Emerging Technology (sponsored by Nexen)

Aubin Group  
Guardian Global Technologies  
Ocean Power Technologies

### The Innovator (sponsored by BG Group)

Paradigm Flow Services  
Tendeka  
Viper Subsea

### Great Small Company (sponsored by Wood Group PSN)

Accord Energy Solutions  
Coretrax Technology  
Viper Subsea

### Great Large Company (sponsored by Offshore Europe Partnership)

DOF Subsea  
Hydrasun  
Wood Group

### Working Together (sponsored by Aberdeen Business School)

Alba Power/Petrologistics  
Britannia Operator  
The Underwater Centre

### Young Professional (sponsored by Maersk Oil)

Liam O'Neil, AMEC  
Duncan Chedburn, Maersk Oil  
Raymond MacKenzie,  
Nexen Petroleum UK

### Inspiring Leader (sponsored by DOF Subsea)

Doug Duguid, EnerMech  
Steve Nicol, Halliburton  
Trevor Jee, Jee

### Environmentalist (sponsored by AMEC)

Cape Environmental Service  
Offshore Stork Technical Services  
TWMA

### Significant Achievement (sponsored by Aker Solutions)

will be announced on the evening

## Carbon capture challenge in Sahara

The challenges of designing, implementing and measurement, monitoring and verification (MMV) programme in the Sahara is the topic of one of the talks at the next London chapter dinner evenings later this month.

The In Salah gas project in central Algeria is some 1,800km from the Mediterranean and 200km from the nearest permanent human habitation.

Allan Mathieson, team leader Carbon Capture and Storage global technical head project management for Senergy, will reveal the techniques deployed, the surprises and the lessons learned that can be applied to other carbon storage sites from this pioneering and unique CCS site.

## The evolution of HPHT process and technologies

Chief well engineering manager for Sasol, John Watters, is after-dinner speaker the SPE London dinner on February 18.

He will talk about the changes in material science, the divergence in types of HPHT design and operator demand over the years. Mr Watters has been involved in HPHT operations since the early 1990s and has overseen HPHT operations with several operators.

Sasol is an integrated energy and chemical company, the world's largest producer of synthetic fuels and a world leader in gas-to-liquids (GTL) and coal-to-liquids (CTL) technology. Sasol has over 60 years' experience in CTL, GTL and related technology.

The dinner begins at 5:00pm at the Geological Society in Piccadilly.

## SPE London Evening Programme: Tuesday 18 February

The next London evening meeting takes place on February 18 at the Geological Society, Burlington House, in Piccadilly.

The evening will begin at 5:00pm with a pre-dinner talk from Senergy's Allan Mathieson, team leader CCS and global technical head project management, who will discuss carbon capture challenges faced by engineers. A buffet and drinks will be followed by a presentation from John Watters, chief well engineering manager at Sasol, on the evolution of HPHT challenges.

For more information and to reserve a place, contact: **Kate McMillan** [www.katemcmillan.co.uk](http://www.katemcmillan.co.uk)

## London YP members take time to meet up

Among SPE Young Professional activities, networking has an important place. With so much going on in London, it can be difficult to connect to others in the same industry – new professionals or new students – to discuss the day-to-day challenges they face, new developments or new opportunities. The social arm of SPE YP aims to connect people all around London in an informal and relaxed way.

The first event took place in October 2013 in Piccadilly Circus. More than 30 people met in Jewel Bar: ranging from students from Coventry to engineers to recruiters. Held in a private function room, it provided a great opportunity to network.

The YP Christmas Party, by contrast, was held in the Friday night hot spot in Dirty Martini's cocktail bar in London's trendy East End. More than 50 people attended and SPE YP occupied a large area of the bar for the whole evening, identifiable by its decorations, martinis and canapés (all supplied within the ticket price!). The young professionals were augmented by students who were well represented, as were recruiters with some familiar faces from the autumn event too.

More social events are lined up for 2014 – like the forthcoming YP London Easter party. YPs look forward to seeing you at the next event.



London YP members enjoying one of the regular networking events that take place throughout the year

**LONDON ANNUAL CONFERENCE**  
**Opportunities and Investment in Upstream Oil and Gas**  
 4-5 June 2014 | The Royal Institution  
 London, UK | [www.spe.org/events/lond](http://www.spe.org/events/lond)

Organised by Society of Petroleum Engineers  
 Founded by the SPE London Section

## Forthcoming events

**Tuesday, February 18, 5-9pm**

**Venue:** at Geological Society, Burlington House, Piccadilly, London W1J 0BG  
**17.00 – 18.30: Before dinner topic:** CCS – challenges in the North  
 Before dinner speaker: Allan S Mathieson, team leader CCS & Global Technical Head Project Management, Senergy  
**18.30 – 19.30: Networking & Drinks**  
**19.30 – 21.00: After-dinner topic:** The Evolution of HPHT Challenges  
 After-dinner speaker: John Watters, chief well engineering manager, Sasol  
 Contact: **Kate McMillan** [www.katemcmillan.co.uk](http://www.katemcmillan.co.uk)

**April 10 – Decision-Making Under Uncertainty**, Geological Society  
 Bookings can be made at [www.katemcmillan.co.uk](http://www.katemcmillan.co.uk)

## SPE LONDON SECTION SPONSORS

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## TAM INTERNATIONAL Inflatable and Swellable Packers

TAM International is an independent oilfield service company specialising in inflatable, swellable packers and downhole tools. Due to the company's consistent growth in recent years our Aberdeen branch is looking to hire people in the following positions:

### Customer Account Manager

The ideal candidate should have a minimum of 3 years sales or operational experience in downhole disciplines such as completions, liner hangers, drilling tools, coil tubing. Be well organised, be able to work on their own initiative and carry out tasks in a timely manner. The position would be Aberdeen based for 1-2 years, followed by 2-3 years at our Houston HQ. A mechanical HNC or HND would be beneficial but not essential.

### Technical Adviser

The role requires someone who is self-motivated, computer literate and willing to learn all aspects of TAM products. The minimum requirement for this role is an Engineering Degree and 2 years experience in a similar position, in oilfield downhole tools and services. The successful candidate will provide technical support both locally and regionally to our Sales and Operations departments.

The above positions require some amount of international travel and offer the following package; competitive salary, non-contributory pension scheme, car allowance and private medical cover.

Submit CV to:

[hazel.murphy@tam-northsea.com](mailto:hazel.murphy@tam-northsea.com)  
[www.tamintl.com](http://www.tamintl.com)



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