

July 2019

SPE Review London

The official e-magazine of the Society of Petroleum Engineers' London branch

Clear Communication

Effective public relations strategies
in upstream oil and gas

PLUS+

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- * Sponsor Profile: OPC
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London Section

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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 143,000 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 global events, publications, events, training courses and online resources at www.spe.org. SPE London section publishes SPE Review London, an online newsletter, 10 times a year, which is digitally sent to its 3000+ members. If you have read this issue and would like to join the SPE and receive your own copy of SPE Review London, 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.

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SPE LONDON SPONSORS 2019



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<http://london.spe.org/home>



Behind the Scenes: SPE Review Editorial Board



Jonathan Ovens

After graduating from Cambridge University with a Ph.D in Physics, Jonathan joined Shell in 1986. Reservoir Engineer – hydraulic fracturing, pressure transient analysis and reservoir simulation.

1997 - 2012: independent consultant: North Sea, North Africa and the Middle East.

Experience: Exploration and Development planning to Reserves Evaluation.

2013: Senior Reservoir Engineer at JX Nippon E&P (UK) Ltd.

2009 and 2015 served with SPE Europec Technical Committee.

Member of the SPE London Board.

Josh Beinke

Graduated from University of Adelaide in 2008 with a Petroleum Engineering degree. Worked various roles with Chevron, Origin Energy and Santos, including as a Production Engineer on the Gorgon Field during First Gas. Following move to Europe in 2016, consulted on European and African assets (specialising in data room and field development advisory) before current position working in Amsterdam as a Production/Exploitation Engineer with Vermilion Energy.



Ffion Llwyd-Jones

Editor and business writer, with 15+ years experience in North America/ UK.

Editor for several trade and consumer magazines (print and/online).

Provides industry-related case studies, and detailed, research-driven B2B Designer reports and technical white papers.

Accomplished photographer, and videographer.

Educated in Canada, and in the UK, with BA (Hons) from The Open University.

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Energy Community

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Letter from the SPE London Chair

Dear SPE London members and colleagues, welcome to the July issue of SPE Review London.

I hope you are all enjoying the summer! July is the first month for me to act as Chair for SPE London. Foremost, I would like to say a huge thank you to past Chair Olga Bradulina and the team for the excellent work and many successful events.

As in previous years, we aspire to prepare a full calendar of events covering a wide range of topics in the coming session. The world is looking to us for their energy needs. SPE offers the environment to allow its members to thrive. Our SPE programmes are designed to advance the oil and gas community's ability to meet the world's energy demands in a safe, environmentally responsible and sustainable manner.

Our goals for the coming year include continuing to focus on the sponsorship programme to fund new activities, balancing the budget and administration efficiency. It will be important to improve our membership experience by introducing new topics and types of events (especially in the field of digitalisation). We aim to develop our new initiative on working with Senior Professionals and to establish collaboration with other professional societies.

To achieve these objectives we have fantastic members on the SPE London Board who actively participate through organising technical and social events, attending regular monthly meetings and through other ad hoc activities related to the broad agenda. Nominations for 2019/2020 Board are now open (applicants should be SPE members).

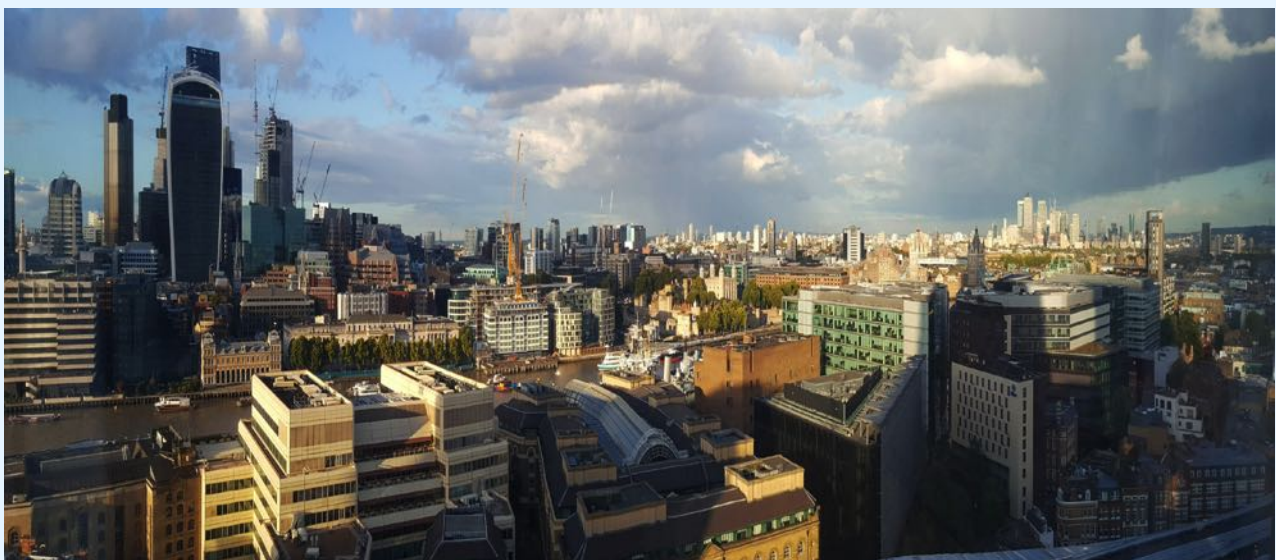
To see the Board roles: <https://www.spe-london.org/about/london-board>.

For further information, please email: SPELondon@spemail.org or contact **Jonathan Ovens at LinkedIn**.

SPE London's mission is fully aligned with the global SPE: to collect, disseminate, and exchange technical knowledge concerning the exploration, development and production of oil and gas resources, and related technologies for the public benefit, and to provide opportunities for professionals to enhance their technical and professional competence.

I look forward to new SPE London Board applications, and seeing old and new SPE members at our events over the coming year!

Kind regards,
Maxim Kotenev, SPE London Chair

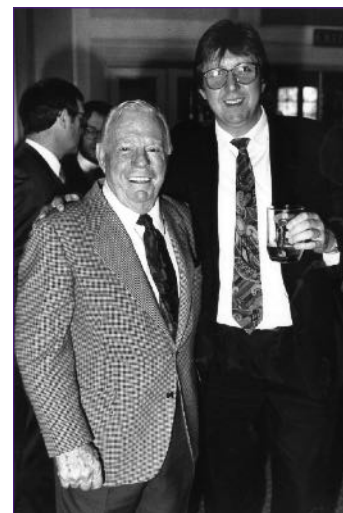


Why OPC sponsors London SPE

By Piers Johnson, Managing Director OPC and SPE London Chairman 2000

I joined the SPE in 1988, the same year in which I founded OPC, and have been a member, chair, sponsor and active participator for the last 30 years. My marketing consultant asks me what 'ROI' we get from this involvement as he wants to use the sponsorship money on SEO or SEA or some other three-letter abbreviation that marketers seem to love these days. Fortunately, as I am both the Managing Director and owner of OPC, I can do what I like. But even if I wasn't, I would still tell him that the return that we get from our relationship with the SPE is immeasurable but also considerable – as a large number of current and past clients of OPC have been developed through the SPE.

We first began sponsoring London SPE in the mid-1990s. We had started to expand the services of OPC from well testing to undertaking reserve audits and CPRs. From the very first event that I attended as a sponsor, I was able to talk to senior decision-makers at large oil businesses (that I'd previously been unable to get in to see). My year as Chairman in 2000 coincided with the boom years and I was lucky to host several large and high profile events. The week after a dinner at which Red Adair was a main guest, I was stopped walking down the street in Aberdeen by a guy who had been to the dinner, recognised me and asked me to come and see him about a new project he was working on. SEO can't get you that.



2000: With Red Adair at SPE London section dinner (as SPE London Chairperson).



2012: Receiving Distinguished Support award, SPE North Sea region.

As well as our ongoing sponsorship of the London Section, we have been actively involved in speaking at and sponsoring events such as the Women in Energy and Introduction to E&P events. I am particularly passionate about attracting new talent to our industry, and have sponsored student awards at Nottingham University and Imperial College as well as the SPE student chapter field trips. As OPC has expanded overseas, we have also developed our relationship with the SPE regions including Houston, Aberdeen and Kazakhstan.

Is it all worth it? A hundred times yes. Petroleum Engineering is our business and the members of the SPE are our most loyal customer base. I wish that some of the major oil companies would also see the value of the London section sponsorship – but their loss is our gain. I

look forward to continuing our sponsorship for as long as I'm running OPC – and I look forward to meeting many more members at events this year.

Piers

www.opc.co.uk



2014: At the SPE London Summer Ball, with Milton Jones, comedian.



2014: Panelist at At the Women in Energy event.

Challenging, fun, educational - why not explore great opportunities with the SPE London team?

WE NEED YOU!

Give back to your organisation – there are so many fun ways to be involved at SPE London!



LOVE TO ORGANISE?

Volunteer with the events section of SPE London – you'll learn lots, be valued for your ideas, and have fun!

FIND OUT MORE!

Get in touch with our Editor, Jonathan Ovens via LinkedIn.

GOT GREAT IDEAS?

How about sharing and contributing as an SPE London Board member?



YOUNG PROFESSIONAL?

Learn, explore and meet your fellow YPs at SPE London



Clear communication: effective public relations strategies in upstream oil and gas

Climate change, the conduct of operations in fragile political environments, and the importance of clear communications were among the public relations challenges discussed at a busy SPE London Business Development event on 27 June. Event review by Justin Reynolds (Block Energy) and Igor Bagno (Primera Reservoir).

Adam Borushek of RISC Advisory introduced a well-attended evening sponsored by Boston Consulting Group, during which three experienced communications professionals explored the value of good public relations to the upstream oil and gas sector: George Cazenove, Head of Communications at Tullow Oil plc; James Crothers, Associate Partner at Camarco; and Stephane Foucaud, Managing Director of Institutional Research at FirstEnergy Capital LLP.



L-R: Martha Vasquez, Stephane Foucaud, James Crothers, George Cazenove, Adam Borushek

George drew on his extensive experience at Citigate Dewe Rogerson and Tullow to outline the essentials of solid communications, emphasising the imperative of maintaining consistency of message, tone and aesthetics across an organisation's communications channels, enabling companies to present themselves to the world as a coherent entities with distinct identities.

George observed that the abiding communications virtues of clarity and simplicity are becoming ever more important; understanding of the industry is often poor not just among investors and the public but also the press; journalists are more pressed for time than ever, frequently required to spread themselves

thinly across several fields. Technical concepts must be explained to these audiences as clearly as possible, making imaginative use of metaphor and, when possible, images and graphics. He also noted the importance of managing expectations, so companies should resist the perennial temptation to oversell, and focus on credible promises that can be kept.

James Crothers, a Partner at Camarco, discussed how good financial PR can facilitate communications with company partners, current and prospective shareholders, and retail and institutional investors. James also noted that outside the industry technical literacy is generally poor. Good PR can greatly enhance the effectiveness with which companies can present themselves with clarity and sensitivity.

Stephane Foucaud, Managing Director at First Energy Capital LLP, said organisations can no longer simply rely on producing traditional press releases – a more holistic approach to communications is required. Companies should provide continuous, comprehensive information through a variety of channels to help investors make well-informed decisions. Good communications informs as well as sells.

Following their talks George, James and Stephane engaged in a lively Q&A session, most of the questions focusing on how the industry should best present itself to investors, the press and the public as the issue of climate change becomes ever more urgent. Several attendees noted the increasing sophistication of climate change movements, notably Extinction Rebellion, which in the weeks prior to the event had staged a series of



Clear communications ... continued

effective and well publicised demonstrations across central London.

The panel noted that the industry had much work to do to make clear our mutual dependence on hydrocarbons for the foreseeable future. The world's insatiable demand for energy is becoming increasingly intense, in developed as well as developing nations, and sectors such as transport, agriculture and plastics will continue to depend on oil and gas for decades to come. The long transition to renewable energy will itself be dependent on fossil fuels, particularly gas. The industry should make clear that our lives are entangled with demand for hydrocarbons, including those of its most militant opponents.

There was also interest in how companies should communicate their operations in challenging political and economic environments. Exploration and production continues to be located in some of the world's most unstable and poorest countries, generating perceptions of exploitation of local labour forces and environments, and underhand dealings with officials. The panel emphasised the critical importance of companies exhibiting as much transparency as possible regarding their international operations, and making clear they work within robust regulatory frameworks.

Adam thanked the speakers for their contributions and the audience for their questions, before the evening concluded with drinks, a buffet and networking. We would like to thank Boston Consulting Group for sponsoring the event.

SPEAKERS:

George Cazenove, Head of Communications, Tullow Oil plc

George started his career as researcher in the House of Commons and at the Spectator Magazine before joining Royal Dutch Shell as junior speechwriter. He was then a director at PR agency Citigate Dewe Rogerson where clients included Tullow Oil, Dragon Oil and a wide selection of AIM-listed E&Ps. George moved to Tullow in 2011 as their first Head of Media Relations before becoming Head of Communications in 2015. His time at Tullow has involved major discoveries and multi-billion dollar transactions as well as coping with the oil price crash of 2014 and its myriad after-effects. He has a First Class degree in History from Durham University and an MPhil in International Relations from Cambridge University.

James Crothers, Associate Partner, Camarco

James is a Petroleum Geologist with over six years of oil and gas experience, specialising in the North Sea and Netherlands basins. Prior to joining Camarco, James spent three years working with The Parkmead Group as a geologist working on various exploration, development and production projects. James also has experience working within the decommissioning department of Wood Group PSN. James holds an MSc in Petroleum Geology from Edinburgh University and is a member of the Petroleum Exploration Society of Great Britain and American Association of Petroleum Geologists.

Camarco is a financial and corporate communications consultancy with clients in the FTSE100, FTSE250, multi-national, European listed and private companies

Stephane Foucaud, Managing Director, Institutional Research, FirstEnergy Capital LLP

Stephane Foucaud is Managing Director of institutional research at FirstEnergy Capital LLP. Before joining FirstEnergy, he was senior oil and gas analyst at Société Générale in London. Foucaud also worked for Schlumberger for seven years in various technical, operational management and corporate strategy roles. He holds a Master of Science in Engineering from the National School of Electrical and Mechanical Engineering of Nancy, France, a Master of Science in Exploration Production from the French Petroleum Institute and a Master of Business Administration from INSEAD in France.

KAPPA Distributed Temperature Sensing (DTS) Analysis Day - 7 August (organised by SPE YPs)

Day/Time: Wednesday 7 August 2019, 9:00 to 17:00 PM

The day will start by reviewing some concepts of heat transfer and how they can be applied to producing and injecting wells. Governing equations will be presented showing the reach and limitations of the thermal models. The operations to acquire temperature data will also be summarised.



A number of hands-on examples will be conducted during the day using the analytical models available in Emeraude: determination of the production profile, injection distribution, simulation of leaks and steam injection design.

When the limits of the analytical models are reached, we will move to numerical simulation for more complex cases, such as non-geothermal fluid entries. The attendees will also have the opportunity to gain experience using Rubis, KAPPA's multipurpose numerical simulator.

Interpretation exercises will be performed using Emeraude and Rubis. Participants are requested to bring their own laptops, with the necessary software licenses installed. The software may be downloaded from www.kappaeng.com/download/kw and www.kappaeng.com/downloads/emerade.

Demo licenses may be requested to KAPPA prior to the event by contacting support@kappaeng.com

Agenda:

09:00 - 09:30	Registration
09:30 - 09:45	Welcome / Introduction
09:45 - 11:00	Introduction to thermal modelling and DTS
11:00 - 11:15	Coffee Break
11:15 - 12:30	Hands-on using Emeraude: flow profiling
12:30 - 13:30	Lunch
13:30 - 15:00	Hands-on using Emeraude: injection profiling, leak simulation & steam injection design
15:00 - 15:15	Coffee Break
15:15 - 17:00	Hands-on using Rubis: thermal modelling of waterflooding



Location: KAPPA Training and Consulting Services Ltd, Millennium House, 99 Bell Street, Reigate, RH2 7AN

Limited Places - please book online via Eventbrite.

For all other inquiries please contact: speylondon@gmail.com

SPE YPs - UK Student Paper Contest

Abstract Submission deadline: 1 September 2019

The SPE London Section is holding the 1st Annual UK paper contest between Young Professional and Student Chapters.

This new event is aiming to bring together students, researchers and young professionals to share their research experiences providing technological solutions for the oil and gas industry.

The competition is open to young professionals and all students studying an oil and gas BEng, MEng/MSc or PhD program in the UK.



To take part, candidates need to send an abstract of about 350 words that summarize the topic of research, stating the contribution to knowledge, main findings and conclusions by September 1st. The contest will be conducted considering four divisions: Young Professional, PhD, MSc/MEng and BEng students.

The abstracts finalists for each division must present their paper to an industry-academic panel at the special evening event planned for this purpose, during which the winners for each division will be selected and awarded.

The winners of this competition will be better prepared for the regional paper contests and gain more experience with technical presentation and networking.

Please note: the presentation evening will take place in London, and students will have to physically present their paper. While the SPE YP committee does not reimburse travel costs, the student's respective SPE Chapter may grant financial assistance, although this would need to be arranged with the chapter directly.

If you are interested in taking part, please send your abstract to spe.chapters.london@gmail.com by midnight on Sunday 1 September 2019, with a clear indication of the division in which you are participating, name and university or company affiliation.

Note: The dissertations do not need to be completed, as only the abstracts are required.

Further details will be released about the presentation evening closer to the date. It will take place on Wednesday 25 September at London Southbank University, London.

Meet the SPE London Board

SPE is a non-profit professional society with 164,000 members in 143 countries. The SPE London Section, with an average 2,000 members and seven associated student chapters, is an active section with an aim to connect, engage and promote the exchange of knowledge within the London energy community of technical and commercial professionals. The SPE London Board is the policy-making and governing body, consisting of volunteers who devote time to overseeing many of SPE London's administrative and operating responsibilities.



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John Ciccarelli
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Adam Borushek
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Patrick Davies
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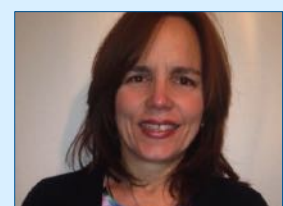
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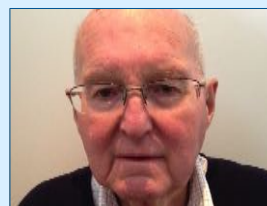
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Student Chapter Liaison



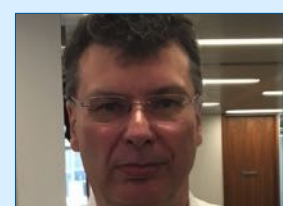
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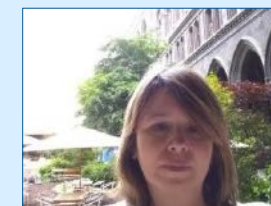
Jonathan Ovens
Director/SPE Review Editor



Arnaud Mille
Director



Vincent Penasse
Senior Professionals Liaison



Carolina Coll
Director

What's happening?

SPE local and international events and on-demand webinars

06 September **SPE Offshore Europe Conference and Exhibition** Aberdeen, UK

Connecting the Global Upstream Offshore Oil & Gas Community

SPE Offshore Europe is recognised by offshore E&P professionals as Europe's leading E&P event. Attending will ensure you are up to date with the most significant technologies and can connect with a global network of 36,000+ attendees.

21-25 October **SPE Forum: Understanding the Reservoir Beyond the Wellbore** Phoenix, Arizona, USA

Predicting the properties of reservoirs beyond the wellbore has been the cornerstone of reservoir characterization. The outcome provides the framework for efficient management and optimization of hydrocarbon reservoirs. Proper reservoir characterization affects all reservoir types and all stages during the life of a field. Far-field characterization encompasses seismic, electromagnetic, and other geophysical surveys. This characterization can be facilitated in various configurations such as cross-well or surface-to-wellbore, accomplished while drilling, in open and cased wells, and while producing hydrocarbons. However, there is a trade-off between resolution and the distance of investigation from wells. This forum will uncover methods that could improve reservoir understanding with the aid of characterization between wellbores. It will expand the discussion from measurements to predictive modeling and include possibly disruptive innovations.

29 October **SPE Upstream Finance and Investments Conference** London, UK

This October, leaders and experts from the petroleum and finance industries across the globe will unite in London to share valuable insights, high-level discussion and debate on issues within oil and gas and finance and investments. Upstream Finance and Investments Conference will focus on how to position the oil and gas industry in a volatile price environment while achieving supply-demand balance, promoting technological growth and providing prudent investment on exploration.

05-06 November **SPE Workshop: Production Optimisation in Gas and Oil Assets** The Hague, The Netherlands

The Production Optimisation in Gas and Oil Assets workshop is a high-quality event where experts, operators, and service companies share their latest developments, successes, and failures on late-life production topics. This workshop aims to improve and accelerate the development of activities to optimise late-life production in gas and oil wells and assets.

28 November **Full Day Seminar: Introduction to Oil and Gas, Exploration & Production** London, UK

The 'Introduction to E&P' seminar provides an introduction to the full life cycle of oil and gas fields. It covers the basics of exploration, geoscience, drilling, operations, reservoir management and commercial terms. The speakers will also discuss key issues faced by the industry. Engineers and Managers often suggest this seminar to non-technical staff, so they can better understand the content of reports and budgets. This seminar is about communicating complex ideas to a non-technical audience. Presentations will be at a basic level and attendees will get an overall view across all upstream disciplines. The seminar is also for people working indirectly with oil and gas companies, or providing support services.

Recorded: 1.5.2019 **Using Machine Learning to Optimize Completion Design** Online webinar

As the industry moves to more complex multi-pad, multi-well completion designs, intelligent completion optimization will require more sophisticated algorithms to improve the decision-making process.

Recorded: 15.5.2019 **The Future Role of Oil** Online webinar

0.15 credits offered.

Presented by Dr. Iskander Diyashev, SPE Distinguished Lecturer.

Recorded: 5.1.2019 **Does the Oil and Gas Industry Have the Right Organizational Culture for Digital Transformation?** Online webinar

Interview with Helen Gilman.

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Sharpen thinking. Boost expertise.
Solve problems. Gain confidence.
Stay competitive. Improve prospects.
Move ahead. Enhancement.**

Keep up with the rapidly evolving field of E&P through SPE training courses and webinars from seasoned industry experts.

Join the Society of Petroleum Engineers, a not-for-profit professional association that serves a growing worldwide membership in the E&P industry. SPE is a key resource for technical knowledge providing publications, events, training courses, and online resources.

To learn more and become a member, visit www.spe.org/join.

SPE—Setting the standard for technical excellence

Society of Petroleum Engineers

