

CONFERENCE PREVIEW

SPE INTERNATIONAL

Oilfield Corrosion

CONFERENCE AND EXHIBITION

Asset Integrity Management in an Age of Uncertainty

18 – 19 June 2018 | Aberdeen, UK | www.spe.org/go/18ofcs

SUPPORTING ORGANISATION



Society of Petroleum Engineers

WELCOME FROM THE CONFERENCE CO-CHAIRS

Dear Colleague,



The Society of Petroleum Engineers (SPE) and the 2018 Oilfield Corrosion Programme Committee would like to invite you to the eighth **SPE International Oilfield Corrosion Conference and Exhibition**, which will take place on **18-19 June in Aberdeen**.

Despite tentative signs of recovery, the Oil & Gas industry continues to undergo a painful adjustment to tough economic conditions, as companies look to consolidate and build upon the cost efficiency gains that followed the collapse of the oil price. While producing assets and life extension projects will continue to provide operational and maintenance opportunities, the business has also seen an unprecedented number of mergers and acquisitions, with companies readjusting to an unpredictable market and aligning their complementary products and services to offer a more integrated and broader portfolio of solutions that increase innovation, improve execution and reduce costs. At the same time, decommissioning activities have shown exceptional growth and are forecast to accelerate further in the future.



The wide spectrum of requirements for effective corrosion management throughout an asset's lifecycle presents both familiar and new challenges to be addressed. To this end, the 2018 theme for the conference is **Asset Integrity Management in an Age of Uncertainty**.

The event programme will allow for ample meeting and networking opportunities for all participants, including at the official conference dinner and the exhibition, which will be open on all conference days. Attendees typically include academics and industry experts, as well as professionals in operator and service companies.

During the conference, poster sessions will support the presentation of research work and technical project summaries, aimed in particular at graduate and postgraduate activities and junior industry professionals. Posters will be judged during the conference, with the best one being awarded the poster prize.

The committee cordially invites you to the 2018 SPE International Conference and Exhibition on Oilfield Corrosion and looks forward to seeing you in Aberdeen.

Eugenia Marinou, Lloyd's Register

Valdir de Souza, Independent

Who should attend

- Academics
- Asset managers
- Inspection and integrity engineers
- Laboratory/testing specialists
- Production chemists
- Metallurgists
- Welding engineers
- Material engineers
- Process engineers
- Microbiologists
- Software specialists for corrosion prediction and management
- Well integrity engineers
- OCTG and elastomeric material providers
- Fabric maintenance and coating specialists
- Providers of new technologies in inspection, leak repair, and failure analysis
- Marine engineers

Why Attend

ENHANCE your knowledge through industry expert keynote speeches

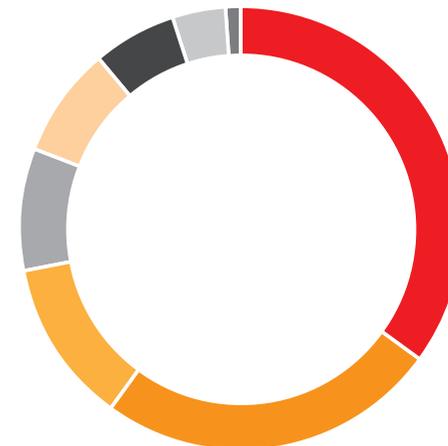
EXPERIENCE the international forum

UNDERSTAND field experiences through case studies

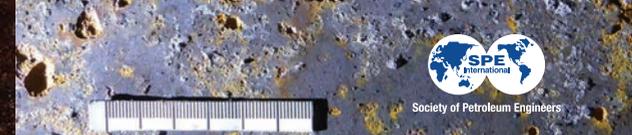
EXTEND your learning by attending the **SPE International Oilfield Scale Conference and Exhibition 20-21 June**

ATTENDEE JOB CLASSIFICATION*

- Engineer **35%**
- Senior Manager **25%**
- Operations/Production Chemist **12%**
- Technical Manager **9%**
- Academic/Research **8%**
- Consultant **6%**
- Scientist **4%**
- Student **1%**



*Based on attendees from the 2016 SPE International Oilfield Corrosion Conference and Exhibition



Schedule of Events

MONDAY 18 JUNE 2018	
0830-1230	Training Course
1300-1345	Welcome Address & Keynote Speech
1345-1515	Technical Session: Case Studies
1515-1545	Coffee Break
1545-1645	NEW! Short Presentation of Knowledge Sharing Posters
1645-1800	Networking Drinks Reception and Dinner

TUESDAY 19 JUNE	
0830-1000	Technical Session: Validation of Chemical Solutions
1000-1030	Coffee Break
1030-1200	Technical Session: Corrosion Mechanisms and Diagnostics
1200-1300	Lunch
1300-1430	Technical Session: New Approaches to Inspection and Repairs
1430-1500	Coffee Break
1530-1700	Technical Session: Sour Service Materials and Applications

Programme Committee

Programme Committee Co-Chairs

Eugenia Marinou, Lloyd's Register **Valdir de Souza**, Independent

Mohsen Achour, ConocoPhillips Co

Dave Hillis, Total

Ismenia Alvarez, Apache North Sea

Andrew MacDonald, REDA Oilfield UK

Oystein Birketveit, Schlumberger

Ejaz Muhammad, Plant Integrity Management

Neil Bretherton, Multi-Chem A Halliburton
 Service

Mike Richardson, Spirit Energy

Ole-Erich Haas, Axess Group

Torben Lund Skovhus, VIA University College

Boris Fergg, DEA

Geert van der Kraan, Dow Chemical Company

SPONSORSHIP/EXHIBITING OPPORTUNITIES

Sponsorship and exhibiting at this prestigious international gathering provide a cost-effective opportunity to gain maximum exposure to professionals from the oilfield scale community who will be looking to short-list potential suppliers and consultants for their own projects. As well as being a great way to gain exposure to your target market, sponsorship and exhibiting revenues contribute significantly to the work of the SPE helping to cover event costs and keep the delegate fee low.

Sponsorship

Sponsorship options are available at the conference to enable you to maximise your presence in the industry and strengthen your brand identity. Packages are designed to offer branding both in the run-up to and at the event itself as well as including a number of complimentary delegate places.

Exhibiting

A limited number of exhibition spaces are available at the event. The exhibition will be located in the area where teas, coffees, lunches and the poster sessions will take place.

A 15% discount applies to sponsors and exhibitors at both the SPE Oilfield Scale Conference AND the SPE Oilfield Corrosion Conference.

Please contact us to find out more about the options available:

Dean Guest
Sales Manager-Events, Europe
Tel + 44 (0) 207 299 3300
Email: dguest@spe.org

CONFERENCE PROGRAMME

Monday 18 June 2018

1300 – 1345

Welcome and Keynote Address: Speaker announced soon!

1345 – 1515

Technical Session 01T: Case Studies

Session Chairs: Eugenia Marinou, Lloyd's Register and Mike Richardson, Spirit Energy

The wide spectrum of requirements for material selection and effective corrosion management throughout an asset's lifecycle presents both familiar and new challenges to be addressed. With ours being an industry with several decades of oil exploration and production and ageing facilities, we have the benefit and hindsight of both successes and failures, though our corporate memory is seldom perfect. Sharing these experiences is invaluable in allowing lessons to be learned and record them as we go forward, especially in today's difficult economic climate. This technical session focusses on case studies not only of attempts to understand corrosion mechanisms, but also methods of evaluating the extent of corrosion and ways to manage it. Presentations will cover diverse situations such as mature fields, pipelines, compression fittings, subsea wells and surface process pipework, while covering a wide geographic spread from the North Sea to the Far East.

New
for
2018

Short Presentation of Knowledge Sharing Posters

Session Chair: Andrew Macdonald, REDA Oilfield UK Ltd and Ejaz Muhammed, Plant Integrity Management

This session will allow Authors of posters to present for five minutes on their topic. This style of presentation allows the Authors to provide a glimpse and flavour of their poster subject and highlight the work carried out. There will then be many opportunities throughout the conference programme to visit the posters and discuss the work with the Authors in more detail.

Tuesday 19 June 2018

0830 – 1000

Technical Session 02T: Validation of Chemical Solutions

Session Chairs: Neil Bretherton, Multi-Chem, Geert Van Der Kraan, Dow Microbial Control

The increasing maturity of the petroleum industry has led to ageing assets becoming commonplace throughout this global business. The widespread application of functional chemicals to mitigate the detrimental effects of the diverse corrosion mechanisms, particularly acid gas and microbially driven, are critical factors in achieving these ever extended field lives. Development and innovation continues as the industry seeks solutions to the traditional and new challenges created by the combination of ageing assets and the search for reserves in technically challenging environments.

This session will focus on both new technology and recent developments to better align the laboratory selection, qualification and monitoring of chemical solutions with actual field applications; encompassing the laboratory screening of corrosion inhibitors, the laboratory testing of biocides under oilfield-relevant conditions, detection and monitoring of production chemicals in complex multiphase systems and a new bio-molecular scavenger technology.

1030 – 1200

Technical Session 03T: Corrosion Mechanisms and Diagnostics

Session Chairs: Valdir de Souza, Independent and Ole-Erich Haas, Axess

The understanding of the conditions and corrosion mechanisms is crucial to be able to provide a corrosion diagnostic and more importantly act on prevention, mitigation and management of associated risks.

A lot of progress has been made on the identification of the corrosion mechanisms which in some respect, as it will be presented in this session, may challenge the traditional way of dealing with assessments and material selection. Moreover, the inherent further knowledge acquired over the years has helped to establish new approaches to assess the damage caused by a lack of corrosion management in new projects under development and on existing assets; providing therefore further support and more confidence on decisions for material selection on new builds and life extension of ageing assets.

1300 – 1430

Technical Session 04T: New Approaches to Inspection and Repairs

Session Chairs: Ismenia Alvarez, Apache North Sea and Boris Fergg, DEA

During the lifecycle of oil and gas assets, inspection becomes a significant part of the integrity management programme to ensure that all systems are maintained from commissioning to decommissioning to ensure they are fit for purpose.

With the limitations in planned downtime and the fact that the majority of the assets are running long past their design life, it is imperative to become creative and innovative to ensure that technology, resources and tasks are properly allocated.

In this technical session we will have the opportunity to listen, learn and share experiences in the most recent stage of new development and state of the art inspection and repairs.

1530 – 1700

Technical Session 05T: Sour Service Materials and Applications

Session Chairs: Oeystein Birketveit, Schlumberger and David Hillis, Total E&P

Environments containing hydrogen sulphide can present a variety of challenges for those tasked with managing oil and gas production activities. Related aspects vary from the avoidance of corrosion/environmentally assisted cracking by materials selection to the mitigation of reservoir souring behaviour to minimise H₂S production. This technical session covers a range of topics related to sour production, including corrosion scaling, chemical treatment and material developments.

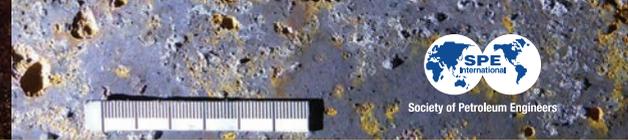
**Professional. Global connections.
Shared knowledge. Fresh ideas.
New perspectives. Advice and
support. Future trends. Referrals.
Leads. Partnerships. Networking.**

Our conferences, forums, workshops, training courses, SPE section events, and online member communities provide unmatched networking opportunities for you to stay well connected.

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.

Join the conversation.



REGISTRATION DETAILS

All fees shown below are in pounds (GBP) and subject to 20% local tax. Prices exclude accommodation.

Full Conference	Excluding Tax
SPE Member	GBP 500
Nonmember	GBP 585
Author/Speaker/Committee/Session Chair	GBP 475
Student	GBP 240

JOINT SPE International Oilfield Corrosion and Scale Conferences and Exhibitions	
SPE Member	GBP 990
Nonmember	GBP 1150
Student	GBP 500

Delegate Registration Fee

The registration fee includes: entry to all conference sessions, entry to the exhibition; access to all poster displays, a copy of the conference digital proceedings, coffee break refreshments and lunches, and attendance at the reception and dinner on 18 June.

The JOINT registration fee includes entry to both Oilfield Corrosion and Scale Exhibitions, conferences, poster sessions, coffee breaks, lunches and conference receptions (on 18 and 20 June). Joint registrants will also receive a copy of the Oilfield Corrosion and Scale digital conference proceedings.

Refunds

Cancellations must be submitted in writing to the SPE Office in London. Cancellations prior to 17 April 2018 will receive a refund less a GBP 50 handling fee. Cancellations received on or between 17 April 2018 and 19 May 2018 inclusive, will receive a 50% refund. For cancellations after 19 May 2018, no refunds will be paid although substitutions can be made.

This refund Policy applies to all refunds except in the event that the UK Foreign & Commonwealth Office issues or designates an “Advise against all travel” travel advisory for Aberdeen and/or the United Kingdom for the dates of the event. In the event of a Travel Advisory, (i) SPE may, at its sole option, change the location and/or dates of the event (“Relocated Event”) and, (ii) delegates may, at their sole option, request a full refund without penalty or, in the event of a Relocated Event, have the registration transferred to the Relocated Event.

In the unlikely case of cancellation of an event by SPE, SPE shall not accept liability for any consequential loss and shall have no liability to reimburse any other costs that may have been incurred, including transport costs, accommodation etc. SPE encourages delegates to take out travel insurance when making travel and accommodation arrangements.

Visa information

Attendees from countries that require a UK visa for entry are reminded that the process of obtaining a visa may take several months. Please contact formslondon@spe.org for a visa invitation letter you can use in obtaining a visa. Please note that this letter does not guarantee that you will be granted a visa, nor does it commit SPE to assist you in obtaining a visa.

Badge Pickup

Badges will be available for collection from the on-site registration desk. The registration desk will be open throughout the event for any event and/or registration enquiries.

Questions?

If you have any questions, please contact FormsLondon@spe.org or **+44(0) 20 7299 3300**

Sustainability Statement

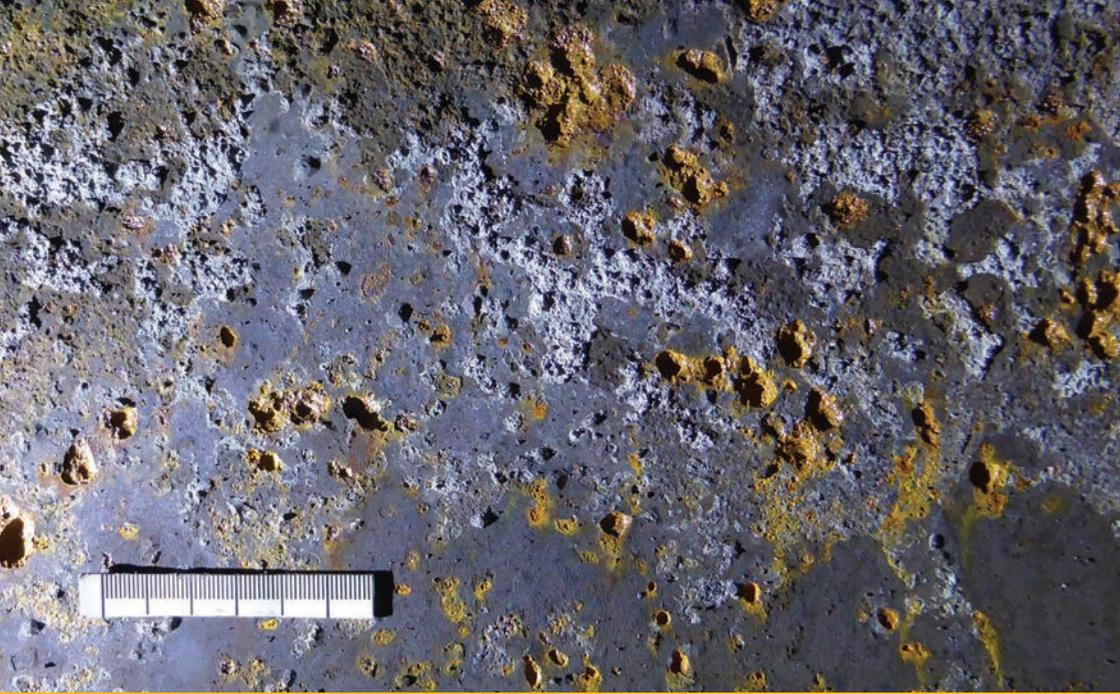
SPE is committed to ensuring that the environmental impact of our events is kept to a minimum. We aim to make progress in the field of sustainability through reducing energy usage, promoting eco-friendly mobility, reducing water consumption, and limiting waste, all core values in keeping with those of the oil and gas industry.



About SPE

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 158,000 members in 143 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.



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