

2-3 MAY 2018

AKER SOLUTIONS, ABERDEEN INTERNATIONAL BUSINESS PARK, DYCE, AB21 0BR

SEISMIC THROUGH THE ASSET LIFECYCLE - BUILDING FOR THE FUTURE

CONFERENCE PROGRAMME



Following the success of Seismic 2017, Seismic 2018 will again explore the entire spectrum of seismic technology from exploration through to development and production to abandonment – the lifecycle of the asset.

The conference will cover Seismic Acquisition, Processing, Abandonment, Velocity Modelling and 4D Seismic along with a panel discussion on the Seismic Industry – Past, Present and Future. Keynote presentations will be given by Gunther Newcombe of the OGA and Ian Jones of ION. We will also have a series of short Techbyte presentations on both days.

The conference will provide quality networking opportunities with local professionals and leading experts in many aspects of seismic technology so book your place without delay!

Registration is now open!

Representatives from the OGA and 12 Operators are driving forward the agenda for the Conference and we have a very strong technical programme. Please view the programme on the reverse.

	SPE MEMBER 1 DAY	NON MEMBER 1 DAY	SPE MEMBER 2 DAYS	SPE NON MEMBER 2 DAYS	STUDENT 1 DAY	STUDENT 2 DAYS
Early Bird by 02 March	£275 plus VAT	£325 plus VAT	£350 plus VAT	£445 plus VAT	£52.50 plus VAT	£83.33 plus VAT
Paid after 02 March	£325 plus VAT	£375 plus VAT	£400 plus VAT	£ 500 plus VAT	£52.50 plus VAT	£83.33 plus VAT

To book your place, visit www.spe-uk.org or contact aberdeen.events@spe-uk.org

Raise your profile

SPE is a not for profit organisation. All surplus funds raised will get reinvested into various initiatives to help support the next generation of young engineers and geoscientists.

Take advantage of the high profile sponsorship opportunities and the exhibition space available. Refer to the reverse of this flyer for further details.

SEISMIC 2018 PARTNERS



SEISMIC 2018 SUPPORTERS

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Seismic 2018 Technical Programme

DAY 1 - 2 ND MAY		
08.00	REGISTRATION	
09.00	Oil and Gas Authority Keynote Presentation	Gunther Newcombe, Oil and Gas Authority
SESSION 1 - SEISMIC ACQUISITION CASE STUDIES		
09.30	How to make a step change in seismic image quality – lessons learned from the Golden Eagle field.	Andrew Wilson, Nexen
10.00	Imaging Improvements in a Structurally Complex Area using OBN technology	Lyndsey Grant, ConocoPhillips
10.30	BREAK	
SESSION 2 - ABANDONMENT		
11.00	The potential use HRS 3D data from Exploration to Abandonment	Ed Self, Gardline Geosurvey Ltd
11.30	Don't abandon Geophysics	Ryan Singlehurst-Ward, Shell U.K. Ltd
TECHBYTE SESSION 1 - ACQUISITION		
12.00	Improving efficiency through multipurpose seismic vessels; acquiring ocean-bottom and towed-streamer seismic from the same vessel	Mike Branston, WesternGeco
	An update on cost-effective full-azimuth acquisition in the North Sea	Mike Branston WesternGeco
	Reducing the environmental impact of marine seismic surveys by considering alternative source technologies and concepts	Volker Dirks, PGS
12.30	LUNCH	
SESSION 3 - PANEL DISCUSSION - THE SEISMIC INDUSTRY; PAST, PRESENT AND FUTURE.		
13.30	Global Seismic Activity followed by panel discussion	Craig Hunter, IHS Markit Paul Matthews, TOTAL Herlande Mannaerts-Drew, BP Helmut Friesacher, Shell Sverre Strandenes, PGS Phil Davey, WesternGeco
15.00	BREAK	
SESSION 4 - SEISMIC PROCESSING CASE STUDIES		
15.30	Dual Azimuth Imaging of the Cambo Discovery, West of Shetland	Christian Ellis, Siccar Point Energy
16.00	Modern processing technology and interpretation tools used to optimise development well planning adjacent to a salt diapir: the Oda Field, Norwegian North Sea	Peter Mackintosh, Spirit Energy
TECHBYTE SESSION 2- RESERVOIR CHARACTERISATION		
16.30	Integrating surface and subsurface data	Tim Gibbons, Hoolock Consulting Ltd
	Integrated Quantitative Analysis of Time-lapse Seismic Data: CoViz 4D	Brian Lynch, Dynamic Graphics
	Velocity modelling	Hilda Parra, CGG
16.50	CLOSE	
EAGE LOCAL CHAPTER SOCIAL AT DYCE FARM (FROM 5PM)		

The organisers reserve the right to amend the programme as necessary – see website for updates on programme timings or further details.

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Seismic 2018 Technical Programme

DAY 2 - 3 RD MAY		
08.00	REGISTRATION	
SESSION 5 - VELOCITY MODELLING AND FULL WAVEFORM INVERSION		
09.00	Velocity Modelling Keynote	Ian Jones, ION
09.30	Velocity model uncertainty analysis to improve confidence in seismic imaging	Tony Martin, PGS
10.00	New Developments in Full Waveform Inversion allow efficient high resolution model building for both new and heritage data.	Alex Cooke, Schlumberger
10.30	BREAK	
SESSION 6 - VELOCITY MODELLING AND FULL WAVEFORM INVERSION (CONTINUED)		
11.00	High end velocity model building to improve imaging over a mature North Sea field	Gareth Venfield, PGS
11.30	Advances in Imaging deep Norwegian Sea exploration targets	Steffen Bergler, A/S Norske Shell
TECHBYTE SESSION 3 - PROCESSING		
12.00	Efficient least squares migration allows reliable reservoir characterization in complex geological settings	Alex Cooke, Schlumberger
	Imaging multiples for improved near-surface imaging in shallow-water environments	Alex Cooke, Schlumberger
	Separated Wavefield IMaging for high resolution shallow hazard studies	Tony Martin, PGS
	Reflectivity inversion for improved imaging clarity	Tony Martin, PGS
12.30	LUNCH	
SESSION 7 - 4D SEISMIC		
13.30	Interpreting a 4D time-lapse Seismic Study for the first 7 years of production on the Buzzard Field using Streamer and OBN data.	David Davies, Nexen
14.00	Use of a “network map” in the integrated interpretation of 4D data – an example from Buzzard field.	Christopher Draper, Nexen
14.30	Gannet F: 20 years old and still surprising us!	Stacey Emmerton, Shell E&P UK
15.00	BREAK	
SESSION 8 - CSEM AND OBC		
15.30	Developing the Arundel Field – Maximising Hub value through seismic uplift	Chris Hill, BP
16.00	Reservoir property prediction using CSEM, pre-stack seismic and well log data: Case studies in the Hoop Area, Barents Sea, Norway	Pedro Alvarez, Rock Solid Images
16.30	CLOSE	

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Seismic2018 will explore the entire spectrum of seismic, covering seismic technology, exploration, development & production & abandonment throughout the lifecycle of the asset.

All sponsorship opportunities will ensure your logo is prominently positioned across all promotional materials, including the SPE website, onscreen graphics and abstracts book. Your company will also be recognised by the Conference Chair. Additional benefits are outlined in each package below. All costs outlined exclusive of VAT.

SPE Aberdeen is a not for profit organisation and are organisers of this event. All surplus funds raised will get reinvested into various initiatives to help support our future generation of young geoscientists.

PLATINUM SPONSOR **£5,000**

- Five complimentary delegate passes
- Free pop up stand to display in conference hall

DELEGATE BAG SPONSOR **£1,950**

- * These can either be provided in kind or can be sourced for you at a cost.
- Logo on delegate bags together with the event logo

EVENT SPONSOR **£3,000**

- Two complimentary delegate passes
- Free pop up stand to display in conference hall

LANYARD SPONSOR **£1,950**

- * These can either be provided in kind or can be sourced for you at a cost.
- Logo on lanyards together with the event logo

LUNCH SPONSOR **£1,950**

- Logo displayed at catering points during lunch

EXHIBITION STANDS **£750**

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

BREAKFAST SPONSOR **£1,200**

- Logo displayed at catering points during breakfast

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

REFRESHMENTS SPONSOR **£1,200**

- Logo displayed at catering points during two refreshment breaks

To discuss these opportunities in more detail, contact Suzanne on 01224 646311 or email aberdeen.events@spe-uk.org.

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