

Organiser



# Seismic2023

Supported by



## THE EVOLVING ROLE OF SEISMIC IN THE ENERGY LANDSCAPE

19 – 20 APRIL 2023 - P&J LIVE, ABERDEEN  
TECHNICAL PROGRAMME



### Reasons to attend

Two days of presentations and Techbytes - stay up to date with the continually changing energy industry technologies and methodologies.

Great networking opportunity

>400 attendees across the two days with a high operator presence

Money raised re-invested into local STEM programmes

Cost effective training opportunity

## TECHNICAL PROGRAMME

Seismic 2023 continues to develop the themes explored at the 2022 event, covering the energy lifecycle from exploration through appraisal, development, and production to decommissioning and repurposing. The event will build on how seismic sustainably supports the UK's energy security of supply and Net Zero obligations, and will cover hydrocarbons, renewables, geothermal, and carbon storage.

### WHO SHOULD ATTEND?

Seismic 2023 is not only relevant to Geoscientists and Geophysicists, but also those in non-geo related roles, such as Petroleum Engineers and senior decision makers in operating and service companies.

#### EVENT SPONSORS



COFFEE BREAK SPONSOR



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EARLY CAREERS EVENT SPONSOR



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EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS

DAY 1	19TH APRIL 2023		
08:00	REGISTRATION, COFFEE & NETWORKING		
08:55	Welcome and introduction		
09:00	Keynote presentation - Role of Seismic in Net Zero	Andrea Lovatini, Director, Exploration Data and Geosolutions	SLB
	SEISMIC ACQUISITION TECHNOLOGY		
09:25	Increasing acquisition efficiency by 50% using hexasource for 4D surveys	Per Eivind Dhelie	Aker bp
09:50	What happens to imaging with small eSource volumes when you dial the environmental noise up to 11?	Nick Woodburn	RockWave   ONE-Dyas
10:15	Seismic acquisition without active sources	Stian Hegna	PGS
10:40	NETWORKING & COFFEE BREAK		
	SEISMIC ACQUISITION FOR THE ENERGY TRANSITION		
11:10	Seismic acquisition technologies for CCUS and windfarm surveys	Nicolas Tellier	Sercel
11:35	Ocean Bottom Node data for CCS monitoring: Case study at the Sleipner field in Norway	Sandrine David	TGS
12:00	High Resolution Seismic Acquisition for CCUS and Windfarms: Planning, Design and Challenges	Charles Cooper	bp
12:25	NETWORKING LUNCH		
	RESERVOIR CHARACTERISATION		
13:45	The dangers of the default colourmap	Lindsey Smith	bp
14:05	Characterising oil discoveries and prospects in the Tay Sandstone using relative elastic inversion: Pilot area Central North Sea	David Went	TGS
14:30	Integrated approach to a fan lobe system imaging - Stord basin case study	Iwona Mika	CGG
14:55	NETWORKING & COFFEE BREAK		
	SHALLOW SEISMIC AND WIND - SESSION 1		
15:25	Repurposing of legacy seismic deep exploration data for near-seabed characterization in the offshore wind industry	Luca Masnaghetti	SLB
15:50	Broadband processing across the UHRS bandwidth – a case study from a Baltic Sea offshore windfarm	Peter Cox	RockWave
16:15	COMFORT BREAK / NETWORKING		
	SHALLOW SEISMIC AND WIND - SESSION 2		
16:30	Leveraging Machine Learning to reduce cycle time for GeoHazard Seismic Interpretation	Amelia Tustin	bp
16:55	From reservoir characterisation to site investigation: Retrofitting a stochastic, facies - based seismic inversion algorithm for use in shallow subsurface site characterisation	Gonzalo Notivol Lazaro	Cegal
17:20	CLOSING REMARKS		
17:25	NETWORKING RECEPTION		

**Early Careers Event**  
Career navigation during the energy transition

<b>DAY 2</b>	<b>20TH APRIL 2023</b>		
<b>08:00</b>	<b>REGISTRATION, COFFEE &amp; NETWORKING</b>		
	<b>RESERVOIR CHARACTERISATION FOR CCS</b>		
<b>08:55</b>	Welcome and introduction		
<b>09:00</b>	Keynote presentation - Advancing our understanding of the Southern North Sea Bunter	Ronnie Parr	NSTA
<b>09:25</b>	New 4D rock physics modelling for all key UKCS CCS development areas, a NSTA collaboration project	Jeremy Neep	IKON Science
<b>09:50</b>	Detailed screening for carbon storage opportunities in Quad 43 (Cavendish) Southern North Sea, UK	Joseph Sutcliffe	SLB
<b>10:15</b>	Benefits of reprocessing 3D seismic data to update carbon storage complex mapping, Viking CCS project, Quad 49 UK SNS	Duncan Emsley	Harbour Energy
<b>10:40</b>	<b>NETWORKING &amp; COFFEE BREAK</b>		
	<b>RESERVOIR CHARACTERISATION FOR OTHER ENERGIES</b>		
<b>11:10</b>	Using Legacy Data in the Irish Sea to Image Shallow Geology for Potential Radioactive Waste Disposal	Christian Strand	Nuclear Waste Services
<b>11:35</b>	Numerical investigation of surface wave anisotropy for fault characterisation in geothermal fields	Heather Kennedy	University of Aberdeen
<b>12:00</b>	<b>TECHBYTE PRESENTATIONS</b>		
<b>12:25</b>	<b>NETWORKING LUNCH</b>		
	<b>ADVANCES IN SEISMIC IMAGING</b>		
<b>13:45</b>	Accelerating seismic data delivery and repurposing legacy seismic data with the UK's cloud-based National Data Repository	Joseph Nicholson	Osokey
<b>14:05</b>	Moving beyond conventional reflectivity with FWI imaging – a Clair case study	Lee Saxton	TGS
<b>14:30</b>	Employing an advanced velocity model building workflow for the rejuvenation of legacy data in the Faroes-Shetland Basin	Marisa Domingos	PGS
<b>14:55</b>	<b>NETWORKING &amp; COFFEE BREAK</b>		
	<b>ADVANCES IN 4D PROCESSING</b>		
<b>15:25</b>	Integrated value of long-term time-lapse processing at Gullfaks Main field in the North Sea	Yulia Biryaltseva	Equinor
<b>15:50</b>	4D FWI for Culzean reservoir monitoring	Isabel Espin	CGG
<b>16:15</b>	<b>COMFORT BREAK / NETWORKING</b>		
	<b>ADVANCES IN 4D RESERVOIR CHARACTERISATION</b>		
<b>16:30</b>	An integrated 4D seismic inversion workflow applied to the Catcher fields	Gustavo Côte	Heriot-Watt University   Harbour Energy
<b>16:55</b>	4D time-shifts for dynamic interpretation in Schiehallion	Matt Wingham	bp
<b>17:20</b>	<b>CLOSING REMARKS</b>		

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TECHNICAL PROGRAMME

BOOKING	Early Bird until 17 March	Standard
Members both days	£290.00	£340.00
Members 1 day	£195.00	£245.00
Non-members both days	£385.00	£440.00
Non-members 1 day	£245.00	£295.00
Students & Unemployed both days	£60.00	£60.00
Students & Unemployed 1 day	£35.00	£35.00
Early Careers Event Career navigation during the energy transition	Free	Free

\*All costs are subject to VAT at the current rate and include parking at the venue.

**Special '5 for the price of 4' offer available on select ticket types.**

### BONUS EARLY BIRD OFFER

**Buy 1 ticket, invite an Early Career Professional for FREE!**

For the duration of the Early Bird booking period, we are offering you the chance to invite an **Early Career Professional (≤ 10 years in industry)** to attend the conference for FREE! For every full price ticket purchased, you may add an additional ticket of the same type for no additional cost. This is your chance to support our future generation and inspire knowledge sharing.

#### T's & C's

We define "Early Career Professionals" as those with 10 years' experience or less within the offshore energies industry. This offer is only available during the specified Early Bird booking period – ends 17th March. For every full price ticket purchased, you may add an additional ticket of the same type to be used by an early career professional. Offer only valid on full price tickets – this excludes the Student & Unemployed ticket type.

### CONTACT INFORMATION

Visit – [SPE Aberdeen Website](#) Email – [aberdeen.events@spe-uk.org](mailto:aberdeen.events@spe-uk.org) Call – 01224 646311

# SEISMIC 2023 – SPONSORSHIP PACKAGES

SPE Aberdeen is a not-for-profit organisation. Raising sponsorship is vital not only for the successful delivery of the conference but to enable SPE Aberdeen to re-invest back into the industry. By supporting this event, not only are you providing an important knowledge sharing and training opportunity for the industry, but you are also helping to support our future generation of young engineers and young geoscientists.

## PLATINUM SPONSOR **£5,000**

- Five complimentary delegate passes
- Company branding across all event materials and opportunity to supply content for social media posts
- Pop-up stand or banner to display in conference hall

## EVENT SPONSOR **£3,000**

- Two complimentary delegate passes
- Company branding across all event materials and opportunity to supply content for social media posts
- Pop-up stand or banner to display in conference hall

## LUNCH SPONSOR **£1,950**

- One complimentary delegate pass and 25% discount on an additional pass
- Company branding across all event materials
- Logo displayed at catering points during lunch

## BREAKFAST SPONSOR **£1,200**

- One complimentary delegate pass and 25% discount on an additional pass
- Company branding across all event materials
- Logo displayed at catering points during breakfast

## COFFEE BREAK SPONSOR **SOLD**

- One complimentary delegate pass and 25% discount on an additional pass
- Company branding across all event materials
- Logo displayed at catering points during coffee breaks

## REGISTRATION SPONSOR **£1,200**

- One complimentary delegate pass and 25% discount on an additional pass
- Company branding across all event materials and on delegate joining instructions
- Logo displayed at registration area

## PROGRAMME SPONSOR **£1,500**

- Opportunity to sponsor a specific day of the programme
- Company branding across all event materials
- One complimentary delegate pass and 25% discount on an additional pass

## LANYARD SPONSOR **SOLD**

\* These can either be provided in kind or can be sourced for you at a cost.

- One complimentary delegate pass and 25% discount on an additional pass
- Company branding across all event materials
- Logo on lanyards together with the event logo

## EARLY CAREERS EVENT **SOLD**

- One complimentary delegate pass as part of YP Event and one pass for conference
- Company branding across all event materials
- Pop-up stand or banner to display in YP event hall

## NETWORKING RECEPTION SPONSOR **£1,950**

- One complimentary delegate pass as part of Networking reception and one pass for conference
- Company branding across all event materials
- Pop-up stand or banner to display in Networking Reception

## EXHIBITION STANDS **£1,100** per single unit

Opportunities exist for service companies to demonstrate data and technology within the exhibition. We will have a limited number of table-top exhibition stand spaces available. There will be ample opportunity for maximum interaction between exhibitors and delegates during the registration period, coffee breaks and during lunch. Exhibition packages include:

- A basic exhibition space (approx. 3m wide x 2m deep) is 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. A conference table and two chairs will be provided.
- One free delegate pass for the conference
- Logo in Abstracts Book issued to all delegates

\*Please note, all prices quoted are subject to VAT at the current rate.

To enquire about sponsorship or exhibition packages, please contact [leanne.sinclair@mearns-gill.com](mailto:leanne.sinclair@mearns-gill.com).

**FOR MORE INFORMATION, CONTACT**  
**ABERDEEN.EVENTS@SPE-UK.ORG / 01224 646311**

### Event Sponsors



### Coffee Break Sponsors



### Breakfast Sponsor



### Lanyard Sponsor



### Early Careers Event Sponsor



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