

Organiser



# Seismic2024

## SEISMIC IN THE EVOLVING ENERGY LANDSCAPE

1 – 2 MAY 2024 - 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

Dedicated early career session

### TECHNICAL PROGRAMME

Seismic 2024 is the leading event of its kind and the only one in Aberdeen to focus exclusively on seismic and geophysics over its two days of technical talks.

The conference will cover the role of geophysics in the energy lifecycle from exploration, appraisal, development and production through to decommissioning and repurposing, and will explore how seismic sustainably supports the UK's energy security and Net Zero obligations.

### WHO SHOULD ATTEND?

Seismic 2024 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.

We invite early career through to experienced professionals to attend, and also welcome those still in further education.

#### EVENT SPONSORS



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NETWORKING SPONSOR



REGISTRATION SPONSOR



PROGRAMME SPONSOR



SUPPORTED BY GEOEXPRO



EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS

# Seismic2024

DAY 1 1ST MAY 2024			
08:00	REGISTRATION, COFFEE & NETWORKING		
08:55	Welcome and introduction		
	CCS		
09:00	Seismic, Windfarms and SIMOPS. Optimising Survey Acquisition - A Morecambe Bay CCS Case Study	RPS Energy	Gregor Meikle
09:25	Cost-efficient conformance monitoring of carbon storage sites; re-evaluating 4D seismic with Surface DAS.	SLB	Mike Branston
09:50	Monitoring of CO2 injection in depleted gas reservoirs through measurements of seafloor deformation and 4D gravity at the seafloor	Reach Subsea AS	Martha Lien
10:15	Evaluation of the 4D seismic signals from monitoring CO2 injection in the North Sea	Heriot-Watt University	Colin Macbeth
10:40	TECHBYTE PRESENTATIONS		
	Harnessing Value from the Open Source OSDU Platform by Data Visualization and Analysis	DGI	Jane Wheelwright
	Geoscience-led solutions for integrated workflows and subsurface knowledge leveraging AI	IKON Science	Denis Kremer
10:50	NETWORKING & COFFEE BREAK		
	CHARACTERISATION		
11:20	Fault mapping uncertainty	University of Aberdeen	Francisca Robledo Carvajal
11:45	CNS salt like you've never seen it before: Using OBN seismic to unlock the secrets of the East Central Graben	bp	Benjamin Twigger
12:10	Syn-Sedimentary Halokinesis in the Triassic of the Central North Sea: Unraveling Sediment Input and Facies Distribution For New Energy Sources and Energy Transition	University of Aberdeen	Lorenzo Di Lauro
12:35	TECHBYTE PRESENTATIONS		
	Better Data at your fingertips	Moveout Data	Phil Wild
	Multi-Parameter FWI Imaging: The future of seismic imaging	DUG	Adam Fernandes
	Efficient multi-dimensional seismic data analysis	Sharp Reflections	Dave Goulding
12:50	NETWORKING LUNCH		
	SHALLOW SEISMIC		
14:05	Factor 50: a simple way to ensure you don't get burned by ultra high-resolution seismic	RockWave	Nick Woodburn
14:30	Efficient wide-coverage 3D UHR seismic data acquisition and processing for better wind farm development appraisal	bp	Vanessa Butterworth
14:55	Adapting conventional processing technologies to Ultra-High-Resolution 3D seismic for offshore Windfarm	PGS	Mathieu Lange
15:20	TECHBYTE PRESENTATIONS		
	Tunnel valley infill detail revealed by 2D-UUHR: Case study from the MarramWind Floating Offshore Windfarm NE7 Survey, UK	Fugro	Silvia Perez Hernandez
	Trawling / Updating Seismic Datasets	Troika	Jill Lewis
15:30	NETWORKING & COFFEE BREAK		
	SHALLOW SEISMIC & CHARACTERISATION		
16:00	Characterisation of a Shallow Gas Anomaly (Paso Anomaly) in the Catcher Field Area, Central North Sea, UK	University of Aberdeen	Jack McLoughlin
16:25	Conventional approaches for new usage: Pre-Stack simultaneous inversion method of Ultra-High Resolution seismic data	Vysus Group & RockWave	Adriana Comanescu & Peter Cox
16:50	Estimation of soil properties in offshore wind farm through the integration of high-resolution seismic inversion and machine learning	GeoSoftware	Izabella Yumasheva
17:15	CLOSING REMARKS		
17:20	NETWORKING RECEPTION		

# Seismic2024

<b>DAY 2</b>	<b>2ND MAY 2024</b>		
<b>08:00</b>	<b>REGISTRATION, COFFEE &amp; NETWORKING</b>		
<b>08:55</b>	Welcome and introduction		
	<b>ACQUISITION &amp; PROCESSING</b>		
<b>09:00</b>	Acquisition and processing learnings from a UHDOBN monitor and appraisal survey at Clair	bp	Philip Tillotson
<b>09:25</b>	Marine vibrators: seismic data processing implications of new survey designs	Shearwater GeoServices	Sergio Grion
<b>09:50</b>	A break with convention: high-frequency Multi-parameter FWI imaging in the Barents Sea	DUG Technology	Oliver William Jones
<b>10:15</b>	Overcoming the challenges of injectites imaging in the Central North Sea	CGG	Julie Tatat
<b>10:40</b>	<b>TECHBYTE PRESENTATIONS</b>		
	Considerations of 4D preplot design for Effective Acquisition	Sercel	Blair Wereshchuk
	Advancements in full-waveform inversion, from acoustic to elastic, from exploration to production and the future with automation	SLB	Alex Cooke
<b>10:50</b>	<b>NETWORKING &amp; COFFEE BREAK</b>		
	<b>CCS</b>		
<b>11:20</b>	Enhancing site characterisation of the Endurance CO2 store with 3DHR seismic	bp	Jon Tarasewicz
<b>11:45</b>	Seismic analysis of the Sleipner CO2 saline aquifer storage to characterize facies depositional architecture, plume anatomy, flow dynamics, and pressure perturbation	Halliburton	Geovani Christopher Kaeng
<b>12:10</b>	Seismic reprocessing and appraisal of a large aquifer CO2 store	Storegga	Nick Hayward
<b>12:35</b>	<b>TECHBYTE PRESENTATIONS</b>		
	Applied Acoustics, New Multi-Channel Streamer System 'HydraSeis'	Applied Acoustics	Michael Calvert
	Same old data, different approach	Geophysical Insights	Tim Gibbons
	Shearwater Tasman – a fully integrated dual ROV vessel for OBN surveys with source & streamer capability. An industry first	Shearwater	Martin Prout
<b>12:50</b>	<b>NETWORKING LUNCH</b>		
	<b>4D SEISMIC</b>		
<b>14:10</b>	Use of 4D seismic in identifying infill opportunities on a HP/HT field	TotalEnergies	David Taylor
<b>14:35</b>	4D seismic interpretation from Mariner field	Equinor	Nick McArdle, Angus MacLellan
<b>15:00</b>	First 4D OBN in Clair Ridge	bp	Lifeng Wang
<b>15:25</b>	Pre-Stack Time-Shifts, the New Paradigm for 4D Geomechanical History Matching	Heriot-Watt University	Saeed Izadian
<b>15:50</b>	<b>CLOSING REMARKS</b>		
<b>16:00</b>	<b>END</b>		

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BOOKING	Early Bird until 3 April	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	£45.00	£45.00
Students & Unemployed 1 day	£25.00	£25.00
Early Careers Event	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 OFFER

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

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. 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

# SPONSORSHIP OPPORTUNITIES

1 – 2 MAY 2024, P&J LIVE, ABERDEEN

# Seismic2024

SPE Aberdeen and GESGB are not-for-profit organisations and raising sponsorship is vital not only for the successful delivery of the conference but to enable re-investment 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 supporting our future generation of young engineers and geoscientists through providing bursaries. Thanks to the generosity of our sponsors and exhibitors in 2023 we were able to make the conference more accessible by lowering the ticket price, offering free places for Early Career Professionals, and making attendance more affordable for universities.

## PLATINUM SPONSOR **£5,000**

- Five complimentary delegate passes
- Prime positioning of company branding across all event materials and opportunity to supply content for social media posts
- Opportunity to display a pop-up stand or banner in conference hall (to be provided by sponsor)

## EVENT SPONSOR **£3,000**

- Two complimentary delegate passes
- Company branding across all event materials and opportunity to supply content for social media posts.
- Opportunity to display a pop-up stand or banner in conference hall (to be provided by sponsor)

## **SOLD** LANYARD SPONSOR **£2,500**

- One complimentary delegate pass and 25% discount on an additional pass
- Company branding across all event materials
- Logo on lanyard (to be provided by sponsor or can be sourced at a cost)

## EARLY CAREER PROFESSIONALS

### EVENT SPONSOR **£1,950**

- One complimentary delegate pass as part of ECP Event and one pass for conference
- Company branding across all event materials
- Opportunity to display a pop-up stand or banner in the ECP Event room (to be provided by sponsor)

## BREAKFAST SPONSOR **£1,200** 2 AVAILABLE

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

## LUNCH SPONSOR **£1,950** 2 AVAILABLE

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

## **SOLD** COFFEE BREAK 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 coffee breaks on day being sponsored

## **SOLD** 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** 2 AVAILABLE

- 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

## **SOLD** 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 (to be provided by sponsor)

## EXHIBITION STANDS **£1,150** PER SINGLE UNIT

Opportunities exist for 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 tabletop 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 and company profile in abstracts e-book issued to all delegates
- Guaranteed 5-minute "Techbyte" slot in the conference programme

*\*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 queries on the call for abstracts or SPE Aberdeen in general, please visit [www.spe-aberdeen.org](http://www.spe-aberdeen.org) or email [aberdeen.events@spe-uk.org](mailto:aberdeen.events@spe-uk.org).

FOR MORE INFORMATION, CONTACT  
[ABERDEEN.EVENTS@SPE-UK.ORG](mailto:ABERDEEN.EVENTS@SPE-UK.ORG)

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