



2026 EAGE ANNUAL
87TH CONFERENCE & EXHIBITION
ABERDEEN | UK
8-11 JUNE 2026

MAXIMIZING VALUE
THROUGH TECHNOLOGY & PARTNERSHIP

PROGRAMME & CATALOGUE



PARTNERS



EAGE

2-6 NOVEMBER 2026
HANNOVER, GERMANY



GET2026

7TH EAGE GLOBAL ENERGY TRANSITION
CONFERENCE & EXHIBITION

FEATURING

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Opening Hours Speaker Service Centers

Sunday 7 June	08:00 - 17:00
Monday 8 June	08:00 - 17:00
Tuesday 9 June	08:00 - 17:00
Wednesday 10 June	08:00 - 17:00
Thursday 11 June	08:00 - 15:00
Friday 12 June	08:00 - 15:00

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All times mentioned in this Programme & Catalogue are in the local time zone of Aberdeen, UK (BST, British Summer Time).

Everything listed in this document is correct as of 1 May 2026. While every effort has been made to ensure accuracy, we apologise for any errors or omissions.

Wi-Fi

Free Wi-Fi is available at the Exhibition and in the Conference areas.

Wi-Fi Network: EAGE2026
No password required

EAGE Schedule at a Glance

Saturday 6 June	Sunday 7 June	Monday 8 June	Tuesday 9 June	Wednesday 10 June	Thursday 11 June	Friday 12 June
Registration						
Desk Open 14:00 - 17:00	Desk Open 07:45 - 17:00	Desk Open 07:45 - 19:00	Desk Open 08:00 - 17:00	Desk Open 08:00 - 17:00	Desk Open 08:30 - 13:00	Desk Open 08:00 - 11:00
Conference						
		Opening Session 16:00 - 18:00	Strategic Programme 10:30 - 15:30	Strategic Programme 08:30 - 15:30	Strategic Programme 11:45 - 12:45	
			Technical Programme 08:30 - 18:00	Technical Programme 08:30 - 17:30	Technical Programme 08:30 - 17:30	
	Workshops 09:00 - 17:50	Workshops 09:00 - 15:30				Workshops 09:00 - 16:30
	Short Courses 08:30 - 17:00	Short Courses 08:30 - 16:00				Short Courses 08:30 - 17:00
	Field Trips 08:30 - 18:30	Field Trips 09:00 - 17:30				Field Trips 09:00 - 17:00
	Hackathon 09:00 - 18:00	Hackathon 09:00 - 15:00				
Exhibition						
		Exhibition Open 18:00 - 20:00	Exhibition Open 08:30 - 18:00	Exhibition Open 08:30 - 18:00	Exhibition Open 08:30 - 18:00	
			Digital Transformation Talks 09:50 - 16:30	Digital Transformation Talks 09:50 - 16:30	Digital Transformation Talks 09:50 - 16:30	
			Engineering Theatre Talks 09:50 - 16:30	Engineering Theatre Talks 09:50 - 16:30	Engineering Theatre Talks 09:50 - 16:30	
			International Prospecting Center 10:20 - 17:10	International Prospecting Center 10:20 - 17:10	International Prospecting Center 10:20 - 14:20	
			Energy Transition Talks 09:50 - 16:30	Energy Transition Talks 09:50 - 16:30	Energy Transition Talks 09:50 - 17:00	
			Afternoon Drinks 16:30 - 18:00	Afternoon Drinks 16:30 - 18:00		
Community Activities						
	Laurie Dake Challenge 09:30-16:00	Students Field Trip 08:00 - 12:00	Community Hub Open 08:30 - 17:30	Community Hub Open 08:30 - 17:30	Community Hub Open 08:30 - 17:30	
			Community Activities 09:30 - 17:30	Community Activities 09:30 - 17:30	Community Activities 09:30 - 17:30	
			Student Activities 09:00 - 16:00	Student Activities 09:00 - 16:00	Student Activities 09:00 - 16:00	
				Annual General Meeting for Members 13:30 - 14:30	High School Programme 09:00-13:40	
Social Programme						
		Icebreaker Reception 18:00 - 20:00	Accompanying Person's Tour 09:00 - 18:00	Conference Evening 19:00 - 00:00		

The schedule is subject to change. For the most up-to-date information, please refer to our website at www.eageannual.org or the event app.

Welcome to Aberdeen

Dear Colleagues, Partners, and Friends,

It is with great pleasure that I invite you to the 87th EAGE Annual Conference & Exhibition in Aberdeen, Scotland.

EAGE's 2026 theme is 'Maximizing value through technology and partnership,' building on the successful, well attended event held in Toulouse, France. This is especially relevant as the world is in an 'energy addition' phase – consuming increasing amounts of both fossil fuels and low carbon energy to meet growing demand. The reality is that oil and gas will be needed for decades to come, with demand continuing to be robust beyond 2035.

Meeting this demand will only be possible by utilising the latest technology and leveraging strategic partnerships to maximise recovery in a cost challenged environment. The geoscience and engineering community has much to contribute by coming together with key partners to address the challenges and opportunities ahead.

The conference therefore provides a much-needed platform to explore ideas and build the networks needed for the work ahead.

The programme has been designed to engage, inspire and facilitate collaboration. There will be representation from industry, academia, IOCs, NOCs and many more experts and thought leaders. The programme made up of keynote presentations, technical sessions, workshops, field trips and a major exhibition will showcase the latest industry trends, research and technology.

In addition to a world class programme, we hope delegates will find time to experience the rich culture of our host city. From stunning landscapes to historic castles, Aberdeen and its environs have much to offer beyond its reputation as a leading global energy hub.

Finally, I would like to thank everyone who has helped to make this event possible, and I look forward to continuing the conversation with you all in Aberdeen.

Ariel Flores

SVP Subsurface, bp

Local Advisory Chair for EAGE Annual 2026

Local Advisory Committee

Ariel Flores

Senior Vice President
Subsurface *bp*
Local Advisory Chair for
EAGE Annual 2026

Colin MacBeth

Professor
Heriot Watt University

Emma Sheard

Area Development Manager,
North Sea Exploration Manager
bp

Hugh Nicholson

Senior Geologist / Production
Geoscience Advisor (EH)
bp

John Brittan

VP Geophysics
TGS

John Underhill

Interdisciplinary Director for
Energy Transition and Professor
in Geoscience and Energy
University of Aberdeen

Karim Ouragh

Head of Geophysics Imaging &
Characterization Department
TotalEnergies

Krystal St Clair

Seismic Interpretation
Transformation Lead
bp

Lindsey Smith

Senior Geophysicist
bp

Martin Widmaier

EAGE Technical Programme
Officer
VP Geophysical Support
TGS

Mel Ball

Geophysics Discipline Manager
bp

Mike Davenport

Petrophysics Discipline Manager
bp

Nandini Nagra

Geophysicist
bp

Natalie Wynne

UK Country Manager
Viridien

Olive Fitzpatrick

VP Subsurface Portfolio and
Digital
bp

Patricia Nicholas

Business advisor to SVP
Subsurface
bp

Rachael Moreland

Associate Director of Product
Management
S&P Global Energy

Richard Corfield

VP Imaging Technology
bp

Ty Yilmaz

Business advisor to SVP
Subsurface
bp

Walter Rietveld

Seismic Delivery Unit Leader
bp

Aberdeen

Oil and Gas Industry and Energy Transition

Britain's first oil came ashore in 1975 from the Argyll and Forties Fields, leading to a boom time for Aberdeen, which until then had relied on its historical fishing and agricultural hinterland. British, European and American companies snapped up available office and operational bases, with a rapid increase of jobs and personnel moving to the city.

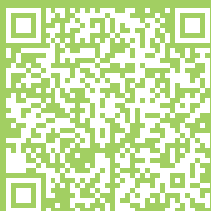
Aberdeen remained buoyant through the rest of the 20th century, riding the waves of oil price boom and bust, and laid claim to be the oil capital of Europe. House prices rivalled London, buoyed by generous expat and relocation packages. Aberdeen had the busiest heliport in the world, servicing upwards of 50 offshore installations.

This black gold rush brought many concerns, especially around the safety culture after the Piper Alpha disaster in 1988 when 167 men died. Lessons learnt from this and helicopter accidents ensured safety became the industry's top priority.

In the 2000s, Aberdeen was seen as past peak oil production, though 4D seismic and horizontal drilling brought new reserves. Politics has never been far away, from the 2014 Independence referendum to the 2022 Energy Profits Levy. Diversifying beyond oil and gas led to offshore wind, Carbon Capture and Sequestration, hydrogen, energy storage and geothermal, signalling Aberdeen will continue to be a player in the Net Zero energy world.

Peter Rowbotham

Geophysical Consultant
RowSeismic Limited



Scan to discover
what to see and do in Aberdeen





1

Experience a historic fishing quarter at Footdee

Step into the 19th-century charm of Footdee, a preserved former fishing quarter with a unique waterfront character.



2

City of Aberdeen Distillery and Gin School

Enjoy locally distilled gin tastings and hands-on blending experiences at Aberdeen's first distillery in nearly 80 years.



3

Visit Ma Cameron's, Aberdeen's oldest pub

Full of character and charm, this historic pub is known for its 18th-century front bar, quiz nights and rooftop seating.



4

Marischal College

A landmark granite building near Union Street in central Aberdeen, it will be lit in EAGE colours on Tuesday 9 June.



5

Aberdeen Harbour

A distinctive waterfront area where Aberdeen's maritime heritage meets the energy of a busy working port.



6

Aberdeen Art Gallery

One of the UK's finest public collections, featuring 700 years of art, design and craftsmanship. Free admission.



7

Dolphin Watch at Aberdeen Beach

Enjoy a stroll along Aberdeen Beach, where you may spot dolphins, seals and even whales, just minutes from the city centre.

What to See and Do in Aberdeen



8

Balmoral Castle, the Crown Jewel

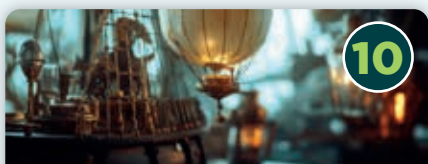
At the heart of Royal Deeside, this iconic royal residence has been a Highland retreat of the Royal Family since the 19th-century.



9

Aberdeen Science Centre

A leading visitor attraction with hands-on exhibits and interactive experiences for all ages.



10

Aberdeen Maritime Museum

Explore Aberdeen's strong ties to the sea through shipbuilding, fishing, trade and offshore energy.



11

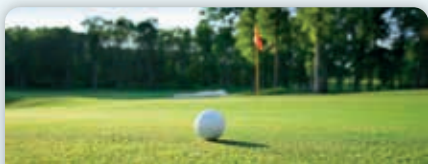
Whisky Experiences

Discover the craft, heritage and flavour of Scotland's national drink through tastings and guided tours in and around Aberdeen.



Food and Drink in Scotland's North East

Explore a vibrant food and drink scene, from casual cafés and craft breweries to farm-to-fork dining and Michelin-starred restaurants.



Golf

Scotland is the home of golf, and Aberdeen offers excellent courses paired with memorable coastal scenery.



Hit the Trails in Aberdeenshire

With more than 30 Munros and Corbetts, Aberdeenshire offers excellent walking and hiking for all levels.

11 Best Places to Explore Scotland's Geology from Aberdeen

Aberdeen / Aberdeenshire



1

Portsoy, Banff Coast

Portsoy is one of Aberdeenshire's standout geology sites, known for its striking coastal rocks, colourful pebbles, and dramatic folded formations. It is an excellent place to observe tectonic deformation and lithological variation in an accessible and visually impressive coastal setting.



2

Burn o' Vat, Dinnet

Burn o' Vat is a distinctive and accessible geology site, featuring a huge natural pothole carved into granite by glacial meltwater, clearly showing how ice and water shaped the landscape.



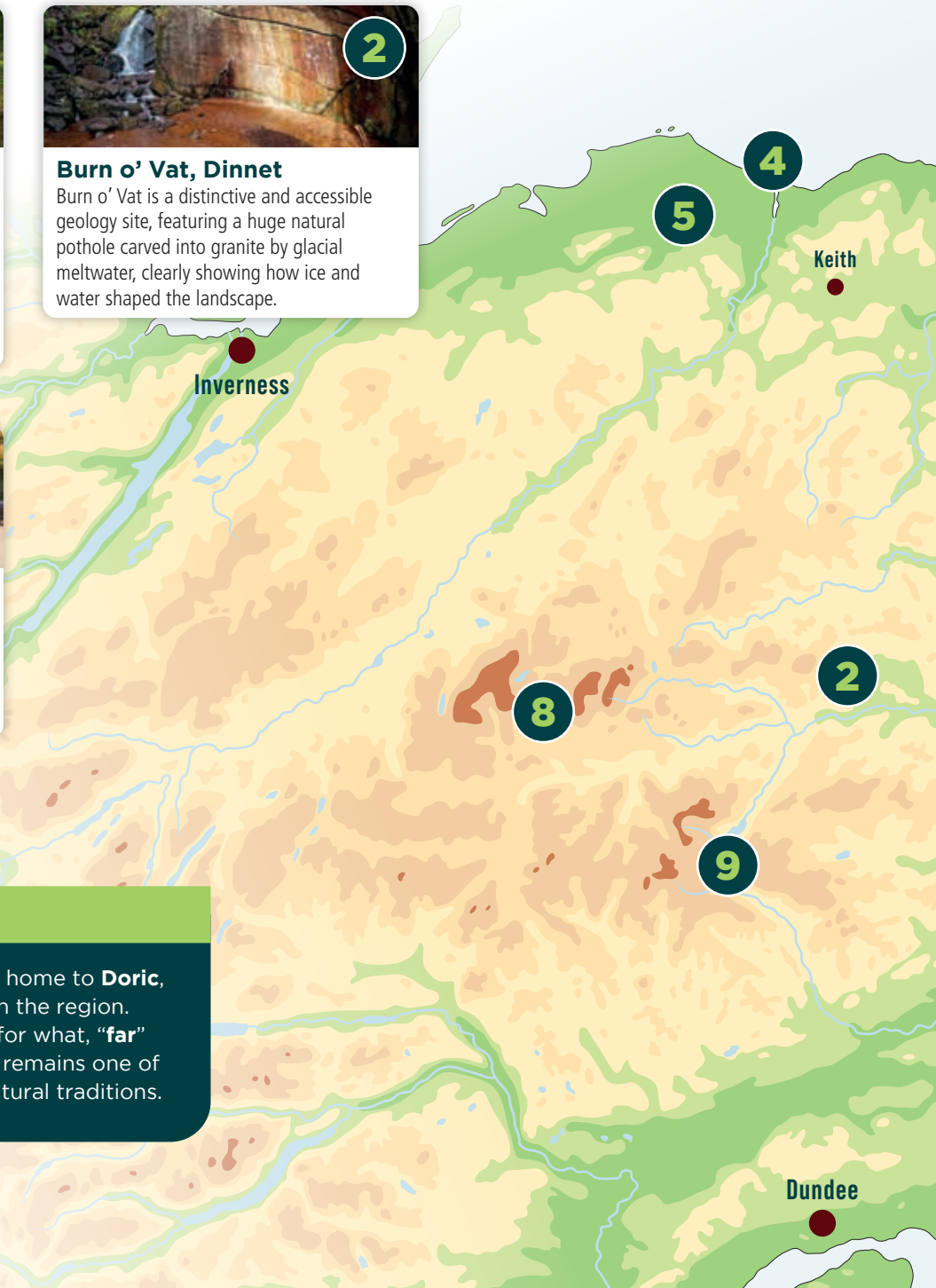
3

Stonehaven

Stonehaven is one of the closest and most important sites near Aberdeen, showing evidence of ancient continental collision in its coastal rocks and structures that helped shape Scotland.

Did you know?

Aberdeen and the northeast are home to **Doric**, the local form of **Scots** spoken in the region. With distinctive words like "**fit**" for what, "**far**" for where, and "**loon**" for boy, it remains one of the area's most recognisable cultural traditions.



Within about 2 hours, slightly wider afield



4

Spey Bay

Spey Bay is notable for its extensive shingle beach and strong post-glacial story, where coastal and river processes since the last Ice Age created one of the northeast's most distinctive shorelines.



5

Laich Sandstones, Elgin

The Laich Sandstones around Elgin are important for showing an ancient desert environment, preserving evidence of a much older, drier landscape and their link to significant fossil discoveries nearby.



6

Blue Door Walk in Edzell

Follows the River North Esk through the dramatic Rocks of Solitude, with wooded gorge scenery, rushing water and striking views creating one of Angus's most atmospheric walking routes.

Very close and well within 2 hours



7

St Cyrus Beach

St Cyrus Beach is an impressive coastal site shaped by volcanic activity and river processes. Its cliffs and landforms reveal a striking story of fire, water and erosion.



8

Cairngorms

The Cairngorms offer a broad landscape shaped by granite and glaciers into a dramatic highland setting with a subarctic feel, revealing the large-scale natural story of northeast Scotland very clearly.



9

Corrie Fee, Glen Clova

Corrie Fee is one of Britain's best glacial corries, with a dramatic bowl-shaped hollow carved by ice. It clearly shows the lasting impact of the last Ice Age.



10

Seaton Cliffs, Arbroath

Seaton Cliffs feature striking red sandstone shaped by marine erosion, showing how sedimentary rocks and coastal processes form cliffs.



11

Montrose

Special interest lies in coastal exposures at Scurdie Ness and Usan Harbour, where the Montrose Volcanic Formation is visible, alongside evidence of postglacial sea-level change in the Montrose Basin.

Interview with EAGE President

Marking EAGE's 75th anniversary, this interview with Sanjeev Rajput reflects on a career shaped by scientific exchange and a community that continues to evolve with the energy landscape.

What makes this year's meeting special?

Some gatherings mark a date. Others mark a direction. This year's Annual does both. It is a real pleasure to welcome our global community to the EAGE Annual Conference & Exhibition 2026 in Aberdeen. This year is especially meaningful because we are celebrating 75 years of EAGE. That milestone invites us not only to look back, but also to reflect on how far our profession has come. In many ways, our journey mirrors the way we build understanding in the subsurface: we begin with incomplete signals, integrate data and physics, and over time gain the confidence to make decisions that matter.

Why is this year's theme especially relevant, and how will it shape discussions?

Technology creates possibility. Partnership is what turns that possibility into value. The theme is timely because our industry is under pressure from every direction: economic, technical, commercial, geopolitical, and societal. In that environment, value does not come from technology alone, and it certainly does not come from working in isolation.

Where do you see the greatest opportunities to create value in the energy transition?

The greatest opportunity for geoscientists and engineers is to bring clarity where uncertainty still drives cost, delay, or risk in Front End Loading (FEL). The energy transition is often described as a trade-off. I believe it is, above all, a test of how well we manage complexity.

EAGE celebrates its 75th anniversary this year. What has it meant to you personally and professionally?

For me, EAGE has never been just an association; it has been a place where my thinking was challenged, shaped, and expanded. Professionally, EAGE has been a place of learning, challenge, and credibility. Early in my career, I remember how energizing it was to sit in technical sessions where complex ideas were debated with both rigour and openness. That left a lasting impression on me. It showed that true expertise is not just about knowledge, but about the willingness to test ideas, question assumptions, and keep improving. In many ways, that is also the story of our profession: the more we see, the more we learn.

How do you see EAGE evolving over the next decade?

EAGE was built by advancing disciplines. Its future will be shaped by how well it connects them. EAGE's strength has always been its scientific foundation, and that must remain central. Advancing fundamental geoscience and engineering understanding will continue to be the base on which all meaningful innovation is built. But the future will require more than excellence within individual domains. It will require stronger links between geoscience, engineering, digital technology, agentic solutions, data science, and the wider energy system.

What key conversation do you hope people will have this year?

If there is one question I hope echoes through the halls this year, it is this: how do we turn expertise into outcomes? Our industry has no shortage of smart people, sophisticated tools, or detailed analysis. But there is still, in many cases, a gap between insight and action. So I would love to hear more discussion about how we close that gap, how we make our work more connected, more decision-relevant, and more impactful.

Sanjeev Rajput

EAGE President 2025–2026

General Manager and Global Head of Reservoir Geoscience/Geophysics, PETRONAS



Plan of the Venue

First Floor

Ground Floor



Prayer and Lactation Rooms

A prayer room and lactation room are available at the venue. Please check at the registration desk for their locations.

Lift	Toilets	Registration
Stairway	Refreshment Point	Speaker Service Center
Elevator	Restaurant / Bar	Silent Conference Room

Did you know?



Aberdeenshire is known as **Scotland's Castle Country**, with **more castles per acre than anywhere else in the UK** and **263 castles** across the region. From the dramatic ruins of **Slains Castle** to the fairy-tale towers of **Craigievar Castle**, it is a dream destination for anyone who loves history, legends and grand scenery.



Health & Safety

Venue Emergency Procedure



Exhibition Opening Hours

Monday 8 June	18:00 - 20:00
Tuesday 9 June	08:30 - 18:00
Wednesday 10 June	08:30 - 18:00
Thursday 11 June	08:30 - 18:00

Emergency number: +44 (0)1224 330432

Please use this number for any emergency, including medical assistance or fire.

P&J Live Reception: +44 (0)1224 824824

First Aid

If you are involved in, or witness, an accident during EAGE, please report it to the Helpdesk on the concourse next to Hall 2 Door 4, at the merchandise desk by Arena Door 4. The First Aid Room is on the concourse next to Hall 2 Door 6, by Arena Door 6. If medical assistance or an ambulance is required, do not contact the emergency services directly. Call +44 (0)1224 330432, or contact a security steward or member of the exhibition team.

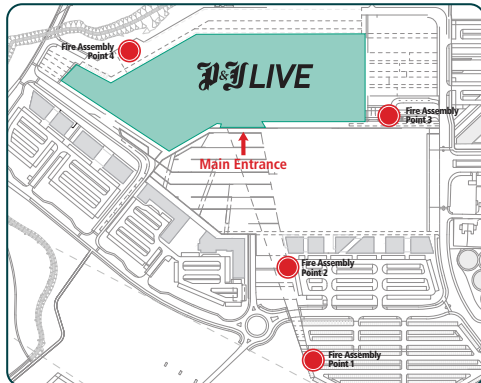
Fire

Please make sure you know how to raise the alarm, where the fire exits and evacuation routes are, what the fire evacuation announcement sounds like, and where your nearest assembly point is.

If you discover a fire, operate the nearest fire alarm point or inform the nearest steward. If it is safe to do so, call the control room on +44 (0)1224 330432.

In the event of a fire evacuation, there will be audible and visual alarms. The PAVA system will instruct people to leave the venue via a pre-recorded message in English only. You must leave the building immediately, follow steward directions to the specified exits, proceed to the designated assembly point, and remain there until advised otherwise.

Do not use the lifts, stop to collect personal belongings, or re-enter the building.



Evacuation

If an evacuation is required, follow all instructions from the PAVA system and stewards. If certain exits are unavailable, a tannoy message will direct you to a specific exit. Please go to your nearest assembly point.

Please note that in the event of a suspect package or vehicle, only a partial evacuation may be required. In this case, follow the stewards' instructions to the designated assembly point.

Suspect Package or Vehicle

Call the control room on +44 (0)1224 330432 and give a full description and exact location. Do not approach, touch, or move the item. Do not use a radio or mobile phone within a 20m radius.

Code of Conduct

EAGE is committed to a respectful, safe and professional environment for all. Please show respect, stand against harassment and promote safety. Communicate thoughtfully, act professionally and honour integrity.

Report concerns to the EAGE on-site support team or via phone/WhatsApp: +31 6 3004 9852. For immediate threats, contact the local emergency services.

TURN PAGE FOR THE FLOOR PLAN

Scan to learn more:



This year, EAGE celebrates its 75th anniversary!

For me personally, it is also a meaningful milestone, marking 25 years with the Association. To have been part of one third of the EAGE journey is both a privilege and a responsibility, and it offers a unique perspective on how far we have come.

When I joined in 2001, we were a small organisation but with a clear ambition to grow and better serve its members. Over the years, that ambition has translated into transformation. We expanded our activities, strengthened our publications and communications, and built a truly global presence through regional offices, local and student chapters, and events. What began as a primarily European association has evolved into a worldwide one, with members from across continents contributing to a vibrant and diverse network of geoscience professionals.

A defining aspect of this evolution has been our commitment to becoming more inclusive and multi-disciplinary. By connecting professionals across different fields and career stages, we have created a platform where knowledge is shared openly and innovation can thrive. Our Technical and Special Interest Communities play a key role in this, enabling members to collaborate, exchange ideas, and respond to the changing demands of our profession.

At the same time, our focus on the energy transition has shaped much of our recent work. EAGE has sought to provide a space where traditional expertise and emerging disciplines come together, supporting our members as their roles evolve. This integrated approach reflects not only the complexity of today's challenges, but also the opportunities ahead.

Our portfolio of flagship events continues to reflect these priorities. The Annual Conference and Exhibition remains our signature gathering, bringing together the global geoscience community each year. Alongside it, the Digitalization Conference addresses the rapid technological advances shaping our industry, while the GET Conference focuses on the role of geoscience in the energy transition. The Near Surface Geoscience Conference further highlights the breadth of our disciplines and the importance of applied geoscience in addressing societal needs.

Looking to the future, we must remain adaptable and forward-looking. Demand for geoscience expertise is evolving, and so too must we. By continuing to expand our reach in regions such as Latin America, Asia, and beyond, and by investing in digital innovation and new ways of connecting our community, we can ensure that EAGE remains relevant, responsive, and inclusive.

As we celebrate 75 years, we do so with pride in our shared achievements and confidence in what lies ahead. Together with our members, partners, and volunteers around the world, we will continue to shape the future of geoscience.

EAGE 75TH
ANNIVERSARY

Marcel van Loon

CEO, EAGE



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Knowledge Partner



Sponsors as of 1 May 2026

		
Recharge Points	SEM Programme	Lanyards
		
International Prospect Centre	Dedicated Student	Afternoon Drinks
 		
Digital Transformation Area, Afternoon Drinks and Hackathon	Digital Transformation Area	Digital Transformation Area
		
Delegate Student and Laurie Dake Challenge	GeoQuiz	Student Programme Main

Official Media Partner



Supporting Media Partners





Hidden depths: Finding energy for tomorrow, today



Helping to supply the world with energy starts with understanding what lies deep beneath the Earth's surface. It's a skill bp has decades of experience in.

"Exploration is about reading the clues beneath the surface and deciding which are worth following. With skills built over decades, our people and our technology come together to turn complex data into informed choices. That's what sets us apart," says Bryan Ritchie, VP of exploration.

2025 was an exceptional year for exploration, with 12 discoveries in 2025, and another three so far in 2026. Those included Bumerangue in Brazil, bp's largest find in 25 years, as well as others in the Gulf of America, Trinidad, Egypt, and Namibia and Angola through Azule Energy, our 50:50 joint venture with Eni.



Seismic imaging

Seismic imaging is one of bp's core capabilities and supports exploration decisions around the world. Using high performance compute, advanced algorithms, specialist expertise and infrastructure upgrades to understand what lies beneath.

What teams learn in one region is then applied elsewhere, strengthening decisions across the portfolio. This is evident in the Gulf of America, one of the world's most demanding and competitive exploration environments, and one of bp's most important seismic proving grounds.

"The Gulf of America has incredibly complex geology," says Frederic Billette, bp's seismic lead for exploration. "We're now using the approach we used there in places like Egypt, Brazil, the Caspian and Trinidad, where sharper imaging helps us see channels and structures more clearly before we drill. What we prove in the Gulf of America gives us the confidence to make better informed seismic-led decisions across very different basins worldwide."



What comes next

"Our role in subsurface is to go beyond the prospect – to discover world-class resources and define what they can become. By combining deep petro-technical expertise with digital innovation, we turn data into insight, and insight into energy, today, and for decades to come."



Ariel Flores,
SVP, subsurface

Finding the hydrocarbons is only the beginning. The appraisal helps turn early clues into a full picture of the resource, which helps guide bp's next decisions.

Not every discovery moves forward, and bp's explorers and project specialists work side by side to identify which finds have the scale, characteristics and competitive potential to become successful future projects.

Why it matters

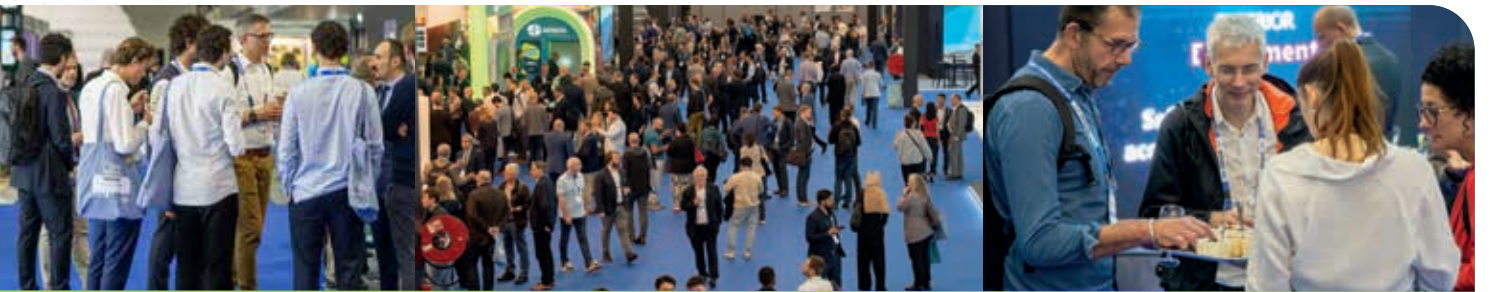


Global demand for energy, including oil and gas, continues to grow, making long term planning essential. Over the past year, bp and our JV partners have made strong progress in identifying new resources, some of which will move into new major projects.

We are targeting a reserves replacement ratio – the measure of how much resource we add compared with what we produce – of 100% by the end of 2027, up from 90% last year and around 50% in 2023–24.

What's more, In 2025, we started up seven new projects, adding around 150,000 boe/d at peak. Through 2030, nine further projects have been sanctioned to continue delivering energy to the world, today and tomorrow.

Social Programme



Icebreaker Reception

Monday 8 June, 18:00- 20:00 Exhibition

Following the Opening Ceremony, the Icebreaker Reception offers the perfect opportunity to kick off the week. Taking place in the exhibition area, attendees can enjoy a selection of drinks and a specially curated menu featuring Scottish delicacies, including haggis, neeps, and tatties.



Accompanying Persons Tour

Tuesday 9 June 2026, 09:00 - 18:00 The Royal Deeside Tour

Enjoy a scenic day trip through Royal Deeside, travelling along the Dee Valley to Ballater, where there will be time for a stroll or coffee before visiting Balmoral Castle & Estate. The tour continues into the Cairngorms National Park to Braemar, a village rich in Highland history, before returning to Aberdeen.



Conference Evening

Wednesday 10 June, 19:00 - 00:00 Crathes Castle, Aberdeenshire

Crathes Castle is one of Scotland's finest castles, known for its pink exterior, fairy-tale design and beautifully preserved interiors. The estate also features woodland, ponds and streams, while its famous 3.75-acre walled gardens are loved for their colourful planting and stunning castle views. A dedicated shuttle service will operate to facilitate transport between the venue and Crathes Castle. At the end of the evening return services will run from Crathes Castle to the four main routes (South, West, Airport, City Centre).

Opening Ceremony

Opening Session

Monday 8 June 2026, 16:00 - 18:00 | Hall 1

The interview will focus on BP's subsurface strategy and how the company is leveraging technology and partnerships to maximise its recovery and performance. We will also discuss how they are navigating current uncertainties and using geoscience expertise to address the challenges and opportunities ahead.

Leadership Interview



Moderator
Carole Nakhle
CEO
Crystol Energy



Speaker
Ariel Flores
Senior Vice President Subsurface, bp

Opening Ceremony Debate

Meeting Energy Demand in a Fractured World

Geopolitical volatility continues to reset the energy agenda. Our panel will address the priorities of global suppliers of energy in their investment strategy to meet future demand in this unpredictable market with the implications for energy transition a major factor.



Moderator
Andrew McBarnet,
Editor Emeritus
EAGE



Speaker
Simon Flowers
Chairman, Chief Analyst
WoodMackenzie



Speaker
Gurbuz Gonul
Director Country Partnerships
International Renewable Energy Agency (IRENA)



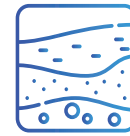
Speaker
John Underhill
Interdisciplinary Director for Energy Transition and
Professor in Geoscience and Energy, University of
Aberdeen

Did you know?



Aberdeen was once widely known as the **Oil Capital of Europe**. The rise of **North Sea oil and gas** helped transform the city into a major hub for offshore energy, bringing decades of growth and international investment. Today, Aberdeen still plays a leading role in the sector, while also positioning itself at the centre of the UK's **energy transition**.

Enhancing Subsurface Imaging through Elastic Full Waveform Inversion



Elastic Full Waveform Inversion (eFWI) is a strategic priority in TotalEnergies' Subsurface Imaging roadmap. It is a technology that converts seismic recordings into high-detail subsurface property information by reducing the mismatch between simulated and observed data.

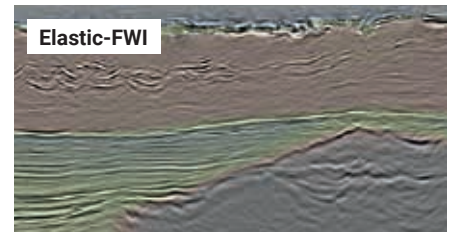
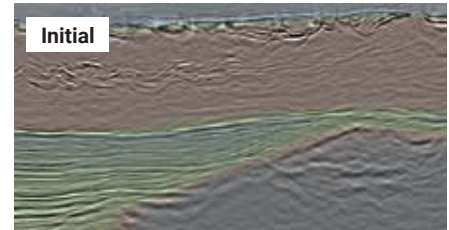
Because it can operate from near-raw seismic inputs, eFWI can shorten or bypass heavy preconditioning steps, accelerating the delivery of seismic volumes and potentially unlock reservoir-like properties. Its key differentiator versus traditional acoustic FWI lies in its elastic formulation, which captures converted-wave and multiple-scattering energy that other workflows often treat as noise. This makes eFWI particularly valuable in complex geological settings with strong contrasts — such as salt bodies — where converted waves are prominent, and therefore relevant for assets in Angola, Brazil, and the East Mediterranean. Some key ingredients for a successful application include a fast and accurate elastic propagator — a barrier to field-scale adoption — and access to high-quality raw seismic data.

A concrete deployment example is provided for an offshore case where eFWI was used as primary model building tool due to substantial regional imaging challenges. These include irregular sea bottom, significant post-salt model variations with various geohazards, rugose top salts, extensive salt formations, complex salt deposits, etc.

The applied workflow combined kinematics and standard least-squares eFWI approaches, resulting in significant imaging improvements compared with traditional acoustic FWI. The reconstructed model delivers a comprehensive post-salt section addressing various geohazards and provides significant updates to rugose top salts and dirty salt, leading in notable model and imaging enhancements, as illustrated in the figure.

While small-scale prototypes existed, major code optimizations over the past year enabled a full-scale, full-field timely execution. These efforts required close coordination between R&D and technical lines teams, taking advantage of TotalEnergies OneTech integrated model.

Overall, eFWI is positioned as high-fidelity, scalable technology to de-risk complex reservoirs and support Exploration and Production in the years to come.



AI-assisted seismic interpretation as a decision accelerator: the GAIA approach



Seismic interpretation is undergoing a major transformation, driven by the need to access reliable subsurface understanding earlier while preserving geological rigor and expert accountability.

Traditionally, interpretation workflows rely on manual, expert-driven picking of faults, horizons and geological bodies. These processes are time-consuming and often require multiple iterations before a coherent regional understanding emerge, directly impacting scenario evaluation, uncertainty reduction and decision-making in exploration contexts.

To address these challenges, TotalEnergies has developed GAIA, **an AI-assisted seismic interpretation application** fully integrated into SISIMAGE, its internal subsurface interpretation platform. GAIA is designed as an interpretation accelerator rather than an automation tool, with the objective of improving efficiency, consistency and reproducibility while keeping **geoscientists fully in control** of interpretation decisions.

GAIA leverages **internally developed machine learning** and deep learning models trained on proprietary datasets to directly identify geological objects from seismic volumes. These objects include faults, some horizons, and three-

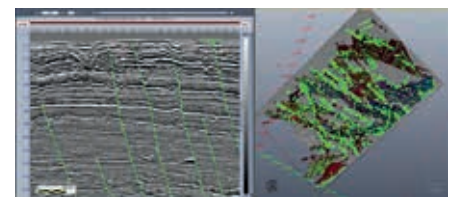
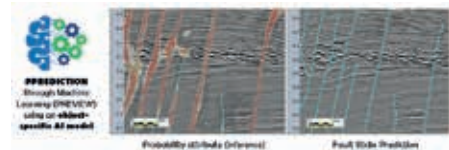
dimensional features such as channels, salt bodies or shallow gas accumulations, provided that they are expressed in the seismic signal. Internal development ensures full control over data usage, geological relevance, and model specialization across a wide range of geological settings.

The GAIA workflow starts with AI inference which generates probability attributes highlighting potential geological features. These outputs are not interpreted results, but interpretation enablers. A core principle of GAIA is the **human-in-the-loop approach: AI-generated information is systematically reviewed, validated and refined by the interpreter**, ensuring geological consistency and building confidence in AI-assisted interpretation workflows.

Building on these probability volumes, Smart Picking tools automatically extract geological objects, such as fault sticks, and rank them according to their geological significance. This provides interpreters with an early and

consistent structural framework, supporting rapid identification of key trends, earlier scenario development and more efficient uncertainty analysis.

By embedding artificial intelligence as an interpretation accelerator rather than a substitute for expertise, GAIA demonstrates how AI can strengthen geological insight while preserving the primacy of human judgment.



OSDU® at TotalEnergies: building the foundations of digital transformation



At TotalEnergies, the digital transformation of subsurface activities is guided by a long-term vision: enabling seamless access to high-quality, trusted data across disciplines, assets, and partners. **OSDU® is a key foundation of this transformation journey.**

OSDU® is an open, industry-standard data platform designed to harmonize the way subsurface data is stored, governed, and accessed. At TotalEnergies, it is progressively deployed at the core of our digital ecosystem, with the objective of reducing data silos, limiting duplication, and simplifying data exchanges between applications and teams.

A first major milestone has been achieved in drilling operations, where OSDU® already supports operational workflows and data sharing. In parallel, OSDU® has been successfully connected to Sismage, TotalEnergies' internal subsurface platform, enabling standardized access to wells and seismic data. Building on

this, a key objective is to strengthen interoperability between Sismage and next-generation solutions developed through strategic partnerships such as Arena, enabling consistent data flow between internal platforms and new digital applications.

Another important ambition is to establish OSDU® as the trusted data backbone for advanced analytics. By progressively delivering curated, quality-controlled datasets, OSDU® aims to efficiently feed AI and machine learning workflows. This enables data scientists and engineers to focus on model development and value creation, rather than data preparation.

Through this step-by-step deployment, **TotalEnergies is transforming subsurface data management from a system of record into a system of engagement.** OSDU® is a key enabler of this journey, supporting performance, collaboration, and innovation as our digital ecosystem continues to evolve.



GoData × Mistral: building a sovereign, AI-native knowledge portal for Geoscience & Reservoir

GoData × Mistral: building a sovereign, AI-native knowledge portal for Geoscience & Reservoir. Across the Company, millions of technical documents and records coexist with very massive structured datasets. The objective is to provide a single, trusted entry point that understands both worlds and delivers explainable, source-grounded answers – not just links.

Approach: We pair an enterprise search backbone – supporting large-scale crawling, conversion, and ranking – with Mistral's Document AI and workflow engine. At ingestion time, Document AI performs OCR-based segmentation across text, tables and figures, generates image descriptions, classifies content, and extracts rich metadata including entities, measurements, stratigraphic terms, equipment and locations. This metadata is used to stitch unstructured files to the right structured objects and to build a graph of relationships across wells, fields, studies, and operations. At query time, hybrid retrieval (lexical + embeddings) and RAG assemble precise context. Mistral models then produce concise answers with citations.

Scale & constraints: The system is designed for on-premises or sovereign deployments, handling multi-million-document corpora,

scanned PDFs, and mixed native formats. Benchmarks confirm that the main throughput driver is document conversion/OCR; Mistral workflows enable asynchronous, batched enrichment allowing users to search immediately while AI annotations stream in. Cyber controls – authentication, authorization, and auditability – are treated as first-class features.

What's delivered: A multimodal, explainable portal that (1) understands domain language, images, and tables; (2) links documents and data through extracted metadata; (3) supports both exploratory discovery and precise Q&A; (4) scales to very large collections while preserving governance.

What's next: Focus the partnership on four accelerators: upgrading to the latest Mistral Document AI; enabling full support for non-PDF native files; finalizing production-grade entity extraction/normalization; and frame performance and fine-tuning experiments on representative workloads. Together, these steps industrialize Document AI at scale and transform fragmented information into a single, navigable knowledge fabric.



Strategic Programme

The Strategic Programme supplements our extensive Technical Programme with a series of talks between leading figures, bridging the gap between science and the most pressing issues affecting the wider geoscience and engineering field. The Strategic Programme takes place in Hall 2.

Next Chapter in the Offshore Europe Story

Tuesday 9 June 2026, 10:30 - 11:30 | Hall 2

Offshore Europe has the makings of the world's first model energy hub combining conventional hydrocarbons exploration with renewable energy exploitation and carbon capture and storage initiatives. Our panel will discuss what is needed to keep this prospect on track including international collaboration, government policies, industry investment, technology innovation and meeting environmental priorities.

Moderator



Ian Conway
Executive Director,
Upstream Strategy
S&P Global Energy

Speakers



Doris Reiter
SVP North Sea
bp



Carel Hooijkaas
EVP Marine Data
Acquisition
TGS



Andy Brooks
Director New Ventures
NSTA



Erling Frantzen
SVP EAME, Earth Data
Viridien

Where Now for Exploration? - How Do We Replace the Reserves the World Needs?

Tuesday 9 June 2026, 11:45 - 12:45 | Hall 2

As the industry looks to the future, exploration sits at the centre of the upstream equation - but under increasing pressure to deliver material discoveries in a more constrained and complex environment. Our panel will examine where exploration is actively taking place, the basins and plays attracting real momentum, the countries attracting investment, and how advances in data, technology are shaping decision-making. On the agenda will be how the next generation of resources will be found, developed and brought forward to underpin long-term global supply.

Moderator



Gayle Meikle
CEO
Frontier Energy



David Hajovsky
EVP Multi-Client
TGS



Bryan Ritchie
VP Exploration
bp



Henning Berg
CEO
Viridien



Nicola Mavilla
SVP Exploration
TotalEnergies



Mohammed Al Duhailan
Director Exploration
Resource Assessment
Aramco

STRATEGIC PROGRAMME SPONSOR



KNOWLEDGE PARTNER

S&P Global Energy

SCAN TO VIEW THE FULL DETAILS:



Senior Executive Managers' Lunch (By Invitation Only)

Tuesday 9 June 2026, 12:45 - 14:30 | Room 20

Global Upstream Leaders Panel: Rebalancing the New World Order in an Age of Fragmentation - Where Is Upstream Really Heading? (organised by Frontier Energy)

Tuesday 9 June 2026, 14:30 - 15:30 | Hall 2

Frontier As the global energy system becomes even more fragmented and less predictable, the upstream industry is being forced to rebalance in real time. Our panel will examine how companies are navigating shifting geopolitical dynamics, evolving exploration and production priorities, risk, and operational realities on the ground. On the agenda will be where upstream is genuinely moving forward, the role of exploration in securing future supply, and how leading players are positioning portfolios in a world where the old assumptions no longer apply.

Moderator

Speakers



Daniel Davidson
COO
Frontier Energy



Irene Waage Basili
CEO
Shearwater



Ariel Flores
SVP Subsurface
bp



Kevin McLachlan
VP Exploration
Chevron



Jonilton Pessoa
Exploration Executive
Manager
Petrobras



Eugene Okpere
EVP Strategy and
Portfolio
Shell

Shooting for the Moon Together: Collaboration as a Catalyst for Transformational Value (SEM Breakfast by Invitation Only)

Wednesday 10 June 2026, 08:30 - 9:45 | Room 20

Faced with oil-price volatility and a preference for fast-payback digital tools, E&P organizations are underinvesting in capital-intensive, long-cycle capabilities like subsea processing and EOR. To bridge the widening gap between technical potential and investable reality, the industry must move beyond incremental gains. This session positions structured collaboration—through consortiums and JIPs—as a strategic necessity. By sharing risks and costs, leaders can turn ambitious "moonshot" concepts into bankable, scalable deployments that ensure long-term recovery, resilience, and transformational value.

Facilitator



Rachael Moreland
VP, Head of Energy
Software & Technology
Solutions
S&P Global Energy

Is the Geophysical Sector Ready for an Upturn?

Wednesday 10 June 2026, 11:45 - 12:45 | Hall 2

For at least a decade global marine seismic services have struggled to survive persistent low demand. Our panel will explore how this scenario might change, and how the sector can respond to a recovery in the market. One consideration will be the likely focus of future oil company exploration. But crucially industry clients will be looking to continuing cost and efficiency improvements in acquisition technology and operations, subsurface imaging and the potential of AI. Can the industry deliver is the question.

Moderator

Speakers



Oscar Abbink
Director, Global
Technology Solutions
Research
S&P Global Energy



Richard Corfield
VP Imaging Technology
bp



Andrea Lovatini
VP Exploration Data
and Geosolutions
SLB



**Jean-Cedric
Prouvost**
SVP Business,
Marketing and Strategy
Sercel



Karyna Rodriguez
VP Global New
Ventures
Searcher



Will Ashby
EVP Business
Development
TGS

Geoscience: Adapting to a New Professional Landscape

Wednesday 10 June 2026, 14:30 - 15:30 | Hall 2

It is no secret that career opportunities for the geoscience community are in flux. The traditional skillset is in less demand in sectors such as oil and gas, with fewer academic courses being offered in many regions. However, geoscientific expertise is needed in many different areas beyond resource extraction. Our panel will discuss what the next generation of geoscientists can expect, the studies that may be relevant, and also lay out the options for professionals in mid-career wanting to change course.

Moderator

Speakers



Rachael Moreland
VP, Head of Energy
Software & Technology
Solutions
S&P Global Energy



Carla Riddell
Chief Technical Officer
Serica Energy



John Stephenson
VP Subsurface and
Wells Technology
bp



Gautier Baudot
VP Exploration
Excellence and
Transformation
TotalEnergies



Wadii El Karkouri
EVP Imaging and
Technology
TGS

Maintaining Transition Momentum

Thursday 11 June 2026, 11:45 - 12:45 | Hall 2

There is no magic wand. At every level of government, industry and even local communities, there is a new realism about how the energy transition will unfold, its timing and the practicality of phasing out fossil fuels. Our panel will assess what this shift in sentiment means, if anything, for ongoing investment in renewables, carbon capture and storage and other energy transition initiatives and how this might impact the geoscience community.

Moderator

Speakers



**Samantha
Humphreys**
Upstream Digital Lead
S&P Global Energy



Christian Gibson
GM UK Energy
Transition
Shell



Willemijn Ogg
VP Low Carbon
Solutions
Equinor



Susan Krumdieck
Chair in Energy
Transition Engineering
Heriot-Watt University

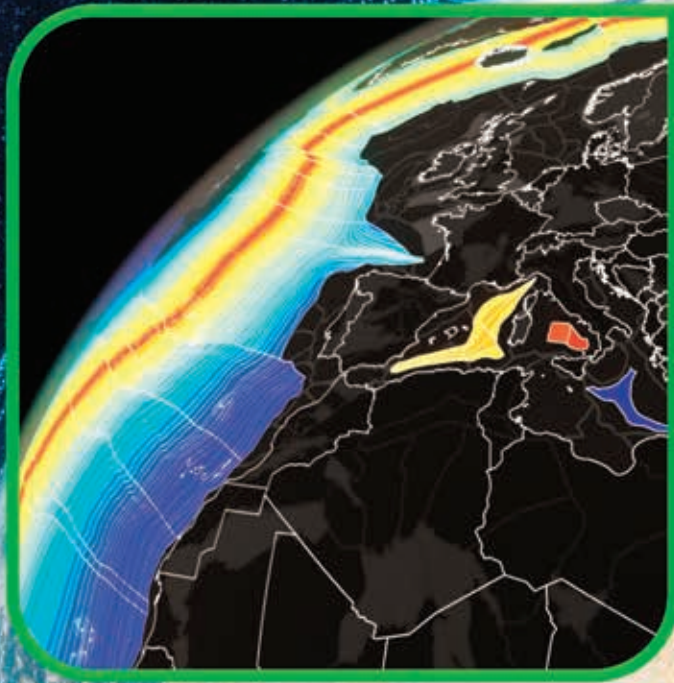


SEE THE WORLD THROUGH A NEW LENS

Gain clarity and make confident decisions
with trusted, enriched Earth data

Explore our latest
technology, data,
and digital solutions

View our schedule: Booth
presentations, conference
talks, and more!



Side Activities Overview

EAGE Annual 2026 offers numerous interactive workshops, short courses, and inspiring field trips on Sunday 7, Monday 8, and Friday 12 June. If you would like to join one of our side activities, please visit the registration desk.

For full details refer to our website www.eageannual.org

Sunday 7 June 2026

Short Courses

Introduction to Modern Marine Seismic Surveys: Scope, Design and Implementation

Instructor: Xander Campman (Shell Global Solutions International B.V.)

08:30 - 17:00 | Room 17

Language Models for Geoscience Applications

Instructor: Thomas Bartholomew Grant (Cegal)

08:30 - 17:00 | Room 15

Field Trips

Characterising Lower & Upper 'Old Red Sandstone' Fluvial Reservoirs

08:30 - 18:30

Heterogeneities across scales on the Moray coast: impact on forecasting for production and storage

08:30 - 18:00

From Bedrock to Barrel – Geological Field Trip to the Ben Rinnes Granite & Geothermal Applications in Scotland's Whisky Industry

08:30 - 17:30

Workshops

Leveraging Multicomponent OBN Acquisitions for Improved PP-PS Imaging and Inversion

09:15 - 17:10

AI Agents

08:30 - 15:30

Maximizing Subsurface Recovery, From Hydrocarbons to Energy Storage for a Sustainable Energy Future

09:30 - 16:20

Survey, Site Investigation, and Seismic Safety Forum

09:30 - 16:15

Sampling at the Philosophical Crossroads, Acquisition Density, Sparsity, and Wavefield Reconstruction

09:00 - 17:50

UK's Offshore Decarbonisation Strategies, A Multidimensional Exploration Across Space and Time Through Mapping and Cognitive Frameworks

08:30 - 16:30

Open for Energy, Open Source, Open Data, Open Models

09:00 - 17:30

The Geology of the North Sea in a Single Day

09:00 - 17:00

Hackathon

The Energy-AI Nexus

Build, optimize, and automate a grid for AI

9:00 - 18:00 | Room 18

**FOR THE ROOM NUMBERS,
PLEASE CHECK OUR APP
OR THE EVENT WEBSITE**



Monday 8 June 2026

Short Courses

Clastic Sequence Stratigraphy: Concepts, Methods and Workflows

Instructor: Rene Jonk (ACT-Geo Ltd.)

08:30 - 16:00 | Room 17

Data Visualization Principles for Scientists

Instructor: Steve Horne (Silixa Ltd)

08:30 - 16:00 | Room 14

Field Trips

Geology of the Highland Boundary Fault Zone, Stonehaven

09:00 - 17:30

The Golden Age of Granite Walking Tour

10:00 - 11:30

Core to Completion – Maximising Recovery in Action

10:00 - 12:30

Workshops

Reflectivity, Why do we still need it when inverting for velocity?

09:00 - 15:00

Passive Seismic Interferometry, a Key Geophysical Method for Geological Resources Exploration and Management

09:00 - 14:55

Scale Matters, Multiscale Perspectives on Geohazard and Engineering Constraints across the Renewable Industry

09:00 - 15:30

Exploring the Limits of Gas Saturation Measurement Using Seismic Data

09:00 - 15:20

Geophysical Reservoir Monitoring, Managing the 4th Dimension in a Challenging Business Environment

08:30 - 15:30

Applied Biostratigraphy, A Critical Tool for Subsurface Prediction and Characterization

09:00 - 15:30

Radioactive Waste Management

09:00 - 14:10

Hackathon

The Energy-AI Nexus

Build, optimize, and automate a grid for AI

09:00 - 15:00 | Room 18

Friday 12 June 2026

Short Courses

AI across Reservoir Modelling Workflow: a Hands-on Introduction

Instructor: Vasily Demyanov (Heriot-Watt University) & Dr Farah Rabie (Heriot-Watt University)

08:30 - 17:00 | Room 17

Seismic Data Processing for Offshore Wind Farm Development

Instructor: Shaji Mathew (RGS)

09:00 - 16:30 | Room 18

Field Trips

Castle & Whisky Tour

09:00 - 17:00

Workshops

When Will Land FWI Catch Up?

09:00 - 15:30

CCS Monitoring Strategies, Technologies, Challenges, and Field Insights

09:00 - 16:30

Evolving Geohazards Assessment for Modern Offshore Drilling Methods

09:00 - 16:00

Improving Subsurface Decision Quality

09:25 - 15:45

Wavefield Complexity, Use or Lose in Least-Squares Inversion, Migration, and Modelling (Off-Site Workshop)

09:00 - 15:10

A Core Workshop, Beyond the Seismic Wavelet, The Power of Integration of Diverse Datasets for Reservoir Evaluation

09:00 - 16:00

OBS Acquisition Productivity and Efficiency, Technology Trends and Disruptors

Check the event app or website for timings.

Did you know?

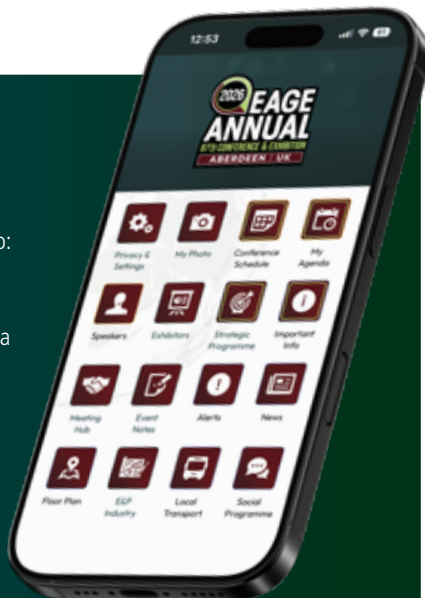
Aberdeen is home to **Scotland's oldest bridge**, the **Brig o' Balgownie**. Built in **1320**, this medieval stone bridge spans the **River Don** and has stood for over **700 years**. Once a key trade route, it is now a peaceful historic spot with a link to **Lord Byron's** Don Juan.



Event App

Downloading the app allows you to:

- check the latest conference and exhibition schedule
- create your own personal agenda
- use the AI chatbot
- view extended abstracts
- explore the floorplan and exhibitor listings
- connect with other delegates
- link to social media platforms
- and access many other features



To unlock more app features, including your personal agenda and messaging, click **Log In** and enter the email address and pin code from your **'Confirmation Letter & Key Information'** email.



Download the app
and access
the AI Assistant

AI Assistant

(Access the bot anytime via the chat icon at the bottom right of the website or the event app)

- Get instant answers about the programme, sessions, speakers, rooms, schedules, transport, and other event details, all in one place.
- Explore recommendations on things to see and do in Aberdeen
- Stay updated as new information is added and updated during the event.



EAGE Startup Zone

EAGE recognises the importance of start-ups and entrepreneurs and therefore offers a dedicated Startup Zone in **Hall 2 of the exhibition**. This provides a special opportunity for start-ups to participate and showcase their work.

Shuttle Service Information

In addition to the city's public transport network, a dedicated shuttle service will operate throughout the event, providing convenient and direct connections to and from the venue.

Four colour-coded routes are available, linking key locations across Aberdeen and the surrounding areas:

- PINK LINE – West
- GREEN LINE – Airport
- BLUE LINE – South
- YELLOW LINE – City Centre

Shuttles will run at regular intervals to ensure smooth and efficient travel for all delegates. Please refer to the timetable on the website and the event app for departure points and times.

SCAN TO LEARN MORE



EAGE Annual 2026

Technical Programme

The EAGE Annual 2026 Technical Programme will take place from 9 to 11 June, featuring a broad selection of high-quality papers submitted through the Call for Abstracts. The technical sessions are split across two areas. **Conference Rooms 1 to 6** are located on the **Ground Floor (Hall 1)** of the conference building, while **Conference Rooms 7 to 20** are on **Level 1**. For any questions about the Technical Programme, please visit the **Speaker Service Center** on **Level 1** of the conference building.

Technical Programme Sponsor



Opening Hours Speaker Service Centers


Sunday 7 June	08:00 - 17:00
Monday 8 June	08:00 - 17:00
Tuesday 9 June	08:00 - 17:00
Wednesday 10 June	08:00 - 17:00
Thursday 11 June	08:00 - 15:00
Friday 12 June	08:00 - 15:00

Uploading Presentations

Technical programme, workshops and EAGE Theatres presentations should be uploaded in advance using the link provided in the pre-event email titled Final Presentation Details, or onsite at one of the Speaker Service Centres.

Best of IMAGE

This year's programme features some of the top presentations from IMAGE 2025. Keep an eye out for talks marked "Best of IMAGE"!



John Doe
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225

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Technical Programme

Sessions Overview

Tuesday 9 June 2026

Discipline	Session name	Time	Room
Morning Session			
Dedicated session	DS-13. Exploration in Times of Crisis: Lessons from Ukraine-1	08:30 - 11:30	Room 13
Dedicated session	DS-22. New ideas from mature basins – the North Sea and beyond: recent insights from Petroleum Geoscience	10:10 - 11:30	Room 14
Dedicated session	DS-01. Geosciences for Space Resources Exploration	08:30 - 11:30	Room 17
Dedicated session	DS-07. Integrated Geochemical and Petroleum Systems Analyses throughout the opportunity life cycle	08:30 - 11:30	Room 18
Energy Transition	CCS: Screening & Site Characterisation-1	08:30 - 11:30	Room 5
Energy Transition	Geothermal Energy-1	08:30 - 11:30	Room 11
Geology	Carbonates & Evaporites	08:30 - 11:30	Room 10
Geology	Depositional Systems	08:30 - 11:30	Room 12
Geophysics	Imaging Theory & Wavefield Modelling-1	08:30 - 11:30	Room 1
Geophysics	Full Waveform Inversion - Velocities-1	08:30 - 11:30	Room 2
Geophysics	ML & AI for seismic imaging & velocity modeling - part 1	08:30 - 11:30	Room 3
Geophysics	ML & AI for Seismic Processing I (time-lapse, velocities, high-res)	08:30 - 11:30	Room 4
Geophysics	Distributed Acoustic Sensing-1	08:30 - 11:30	Room 6
Geophysics	Time-lapse (4D)-1	08:30 - 11:30	Room 7
Geophysics	ML & AI for Seismic Interpretation: Faults and Fractures	08:30 - 11:30	Room 8
Geophysics	Seismic Inversion Techniques for reservoir characterisation	08:30 - 09:50	Room 14
Geophysics	Anisotropy & Fractured Reservoirs	08:30 - 11:30	Room 15
Geophysics	Signal Processing - Enhancing Resolution	08:30 - 11:30	Room 16
Integrated Subsurface	Field Development and Production (Integrated Subsurface)	08:30 - 11:30	Room 19
Petroleum and Reservoir Engineering	Dynamic Reservoir Characterisation & Modeling	08:30 - 11:30	Room 9
Poster session			
Geophysics	Poster session 1A Geophysics - Non-Seismic Acquisition & Processing	13:30 - 14:30	Poster area
Geophysics	Poster session 1B Geophysics - Seismic Acquisition & Processing - 1	13:30 - 14:30	Poster area
Geophysics	Poster session 1C Geophysics - Seismic Processing - 1	13:30 - 14:30	Poster area
Geophysics	Poster session 1D Geophysics - Seismic Velocities & Imaging - 1	13:30 - 14:30	Poster area
Geophysics	Poster session 1E Geophysics - Seismic Interpretation - 1	13:30 - 14:30	Poster area
Geology	Poster session 2. Geology - 1	13:30 - 14:30	Poster area

Discipline	Session name	Time	Room
Petroleum and Reservoir Engineering	Poster session 3. Petroleum and Reservoir Engineering - 1	13:30 - 14:30	Poster area
Integrated Subsurface	Poster session 4. Integrated Subsurface - 1	13:30 - 14:30	Poster area
Energy Transition	Poster session 5. Energy Transition - 1	13:30 - 14:30	Poster area
Afternoon session			
Dedicated session	DS-08. Cost effective monitoring for geological storage and geothermal projects	14:30 - 17:30	Room 11
Dedicated session	DS-13. Exploration in Times of Crisis: Lessons from Ukraine-2	14:30 - 15:50	Room 13
Dedicated session	DS-19. Production Management and Surveillance	16:10 - 17:30	Room 13
Dedicated session	DS-16. Turning risks into decisions	16:10 - 17:30	Room 16
Dedicated session	DS-23. Critical Raw Materials from Deep Brines	14:30 - 17:30	Room 17
Dedicated session	DS-05. Fluid flow transport mechanisms applied to energy transition resources	14:30 - 17:30	Room 18
Energy Transition	CCS: Screening & Site Characterisation-2	14:30 - 17:30	Room 5
Geology	Clastics Reservoirs	14:30 - 15:50	Room 10
Geology	Static GeoModelling	16:10 - 17:30	Room 10
Geology	Petrophysics & Core Data-1	14:30 - 17:30	Room 12
Geophysics	Imaging Theory & Wavefield Modelling-2	14:30 - 17:30	Room 1
Geophysics	Full Waveform Inversion - Velocities-2	14:30 - 17:30	Room 2
Geophysics	ML & AI for seismic imaging & velocity modeling - part 2	14:30 - 17:30	Room 3
Geophysics	ML & AI for Seismic Processing III (characterisation and case studies)	14:30 - 17:30	Room 4
Geophysics	Distributed Acoustic Sensing-2	14:30 - 17:30	Room 6
Geophysics	Time-lapse (4D)-2	14:30 - 15:50	Room 7
Geophysics	Noise Attenuation	16:10 - 17:30	Room 7
Geophysics	ML & AI for Seismic Interpretation: Structure	14:30 - 17:30	Room 8
Geophysics	Seismic Reservoir Characterization and Prediction	14:30 - 17:30	Room 14
Geophysics	Simultaneous Source	14:30 - 17:30	Room 15
Geophysics	Signal Processing - Wavefield separation and Broadband Processing	14:30 - 15:50	Room 16
Integrated Subsurface	Unconventional (Integrated Subsurface)	14:30 - 17:30	Room 19
Petroleum and Reservoir Engineering	Flow Simulation for O&G & CCS-1	14:30 - 17:30	Room 9

Did you know?

Aberdeen was once a **major paper-making hub**, with mills lining the **River Don**. The city is also often credited with the invention of the **self-sealing envelope** in the **late 1890s**, adding another unexpected chapter to Aberdeen's **industrial story**.

Wednesday 10 June 2026

Discipline	Session name	Time	Room
Morning Session			
Dedicated session	DS-14. Underutilised data: unlocking the potential, realising the value	08:30 - 11:30	Room 18
Energy Transition	CCS: Site Operations & Monitoring-1	08:30 - 11:30	Room 5
Energy Transition	Gas, Hydrogen and Underground Energy Storage-1	08:30 - 11:30	Room 11
Environment, Minerals and Infrastructure	Environment, Minerals and Infrastructure - part 1	08:30 - 11:30	Room 17
Geology	Petroleum Systems-1	08:30 - 11:30	Room 10
Geology	AI and ML in facies and lithofacies evaluation	08:30 - 11:30	Room 12
Geophysics	Imaging Theory & Wavefield Modelling-3	08:30 - 09:50	Room 1
Geophysics	Advances in Gravity Inversion and Interpretation	10:10 - 11:30	Room 1
Geophysics	Full Waveform Inversion - Velocities-3	08:30 - 11:30	Room 2
Geophysics	ML & AI for seismic imaging & velocity modeling - part 3	08:30 - 11:30	Room 3
Geophysics	ML & AI for Seismic Processing II (signal processing-1)	08:30 - 11:30	Room 4
Geophysics	Acquisition Geometries & Hardware-1-Seabed seismic	08:30 - 11:30	Room 6
Geophysics	Borehole Seismic Methods	08:30 - 11:30	Room 7
Geophysics	ML & AI for Seismic Characterisation: Properties I	08:30 - 11:30	Room 8
Geophysics	Seismic Interpretation - Monitoring-1	08:30 - 11:30	Room 13
Geophysics	Seismic Characterization through Advanced Modelling and Data Integration	08:30 - 11:30	Room 14
Geophysics	Imaging Case Studies-1	08:30 - 11:30	Room 15
Geophysics	Rock Physics-1	08:30 - 11:30	Room 16
Integrated Subsurface	Exploration Case Studies - part 1	08:30 - 11:30	Room 19
Petroleum and Reservoir Engineering	Flow Simulation for O&G & CCS-2	08:30 - 09:50	Room 9
Petroleum and Reservoir Engineering	History Matching & 4D seismic	10:10 - 11:30	Room 9
Poster session			
Geophysics	Poster session 1B Geophysics - Seismic Acquisition & Processing - 2	13:30 - 14:30	Poster area
Geophysics	Poster session 1C Geophysics - Seismic Processing - 2	13:30 - 14:30	Poster area
Geophysics	Poster session 1D Geophysics - Seismic Velocities & Imaging - 2	13:30 - 14:30	Poster area
Geophysics	Poster session 1E Geophysics - Seismic Interpretation - 2	13:30 - 14:30	Poster area
Geology	Poster session 2. Geology - 2	13:30 - 14:30	Poster area
Petroleum and Reservoir Engineering	Poster session 3. Petroleum and Reservoir Engineering - 2	13:30 - 14:30	Poster area
Integrated Subsurface	Poster session 4. Integrated Subsurface - 2	13:30 - 14:30	Poster area
Energy Transition	Poster session 5. Energy Transition - 2	13:30 - 14:30	Poster area
Environment, Minerals and Infrastructure	Poster session 6. Environment, Minerals and Infrastructure	13:30 - 14:30	Poster area

Discipline	Session name	Time	Room
Afternoon session			
Dedicated session	DS-03. We built this city on rock and oil	14:30 - 17:30	Room 18
Energy Transition	CCS: Site Operations & Monitoring-2	14:30 - 17:30	Room 5
Energy Transition	Gas, Hydrogen and Underground Energy Storage-2	14:30 - 17:30	Room 11
Energy Transition	Site Characterisation for Windparks - 1	14:30 - 17:30	Room 17
Geology	Petroleum Systems-2	14:30 - 17:30	Room 10
Geology	AI and ML from outcrop to borehole	14:30 - 17:30	Room 12
Geophysics	EM Inversion, GPR, and Remote Sensing	14:30 - 17:30	Room 1
Geophysics	Seismic Attributes	14:30 - 17:30	Room 2
Geophysics	ML & AI for Seismic Imaging & Velocities-4	14:30 - 15:50	Room 3
Geophysics	Distributed Acoustic Sensing-3	16:10 - 17:30	Room 3
Geophysics	ML & AI for Seismic Processing IV (signal processing-2)	14:30 - 17:30	Room 4
Geophysics	Acquisition Geometries & Hardware-2-Marine seismic and CCS	14:30 - 17:30	Room 6
Geophysics	Diffraction & Multiple Imaging	14:30 - 17:30	Room 7
Geophysics	Near-surface characterisation and compensation	14:30 - 17:30	Room 8
Geophysics	Seismic Interpretation - Monitoring-2	14:30 - 15:50	Room 13
Geophysics	Imaging Case Studies-2	16:10 - 17:30	Room 13
Geophysics	Seismic Characterization Case Studies	14:30 - 17:30	Room 14
Geophysics	Full Waveform Inversion - Imaging-1	14:30 - 17:30	Room 15
Geophysics	Quantitative Interpretation & AVO-1	14:30 - 17:30	Room 16
Integrated Subsurface	Exploration Case Studies - part 2	14:30 - 17:30	Room 19
Petroleum and Reservoir Engineering	Production Optimisation & EOR	14:30 - 17:30	Room 9

Did you know?



Aberdeen's history reaches back to the **Wars of Scottish Independence**. **Aberdeen Castle** was destroyed in **1308**, and the city's motto, "**Bon Accord**", is traditionally linked to **Robert the Bruce** and a secret password used by his men. That said, historians now treat this origin story as **legend rather than proven fact**, even though the phrase remains one of Aberdeen's best-known symbols

Thursday 11 June 2026

Discipline	Session name	Time	Room
Morning Session			
Computer Science, Standards & Information Management	Computer Science, Standards & Information Management - part 1	08:30 - 11:30	Room 16
Dedicated session	DS-17. Picture This: From Complexity to Clear Communication	08:30 - 11:30	Room 14
Dedicated session	DS-11. Geochemistry and low carbon minerals/mining session	08:30 - 11:30	Room 18
Dedicated session	DS-09. CCS Across Sectors: Collaboration Between Industry, Academia and Government	08:30 - 11:30	Room 5
Dedicated session	DS-25. Later life field management - opportunities and decommissioning considerations	08:30 - 09:50	Room 8
Dedicated session	DS-21. Geoenery: research spotlights in the energy transition	10:10 - 11:30	Room 8
Energy Transition	Geothermal Energy-2	08:30 - 11:30	Room 11
Energy Transition	Site Characterisation for Windparks - 2	08:30 - 09:50	Room 17
Energy Transition	Waste Management and Storage	10:10 - 11:30	Room 17
Geology	Structural Geology - from Fractures to Basin development	08:30 - 11:30	Room 10
Geology	AI and ML using leveraging data, learning and prediction	08:30 - 11:30	Room 12
Geophysics	Velocity Model Case Studies - 1	08:30 - 11:30	Room 1
Geophysics	Quantitative Interpretation & AVO-2	08:30 - 11:30	Room 2
Geophysics	Multiple Attenuation	08:30 - 11:30	Room 3
Geophysics	Micro & Passive Seismic	08:30 - 11:30	Room 4
Geophysics	Acquisition Geometries & Hardware-3-Land seismic	08:30 - 11:30	Room 6
Geophysics	Rock Physics-2	08:30 - 11:30	Room 13
Geophysics	Full Waveform Inversion - Imaging-2	08:30 - 11:30	Room 15
Integrated Subsurface	Multi-Disciplinary Studies - part 1	08:30 - 11:30	Room 19
Integrated Subsurface	Geo-mechanics & Pore Pressure - part 1	08:30 - 11:30	Room 7
Petroleum and Reservoir Engineering	ML & AI for Production Optimisation & Forecast-1	08:30 - 11:30	Room 9
Poster session			
Geophysics	Poster session 1B Geophysics - Seismic Acquisition & Processing - 3	13:30 - 14:30	Poster area
Geophysics	Poster session 1C Geophysics - Seismic Processing - 3	13:30 - 14:30	Poster area
Geophysics	Poster session 1D Geophysics - Seismic Velocities & Imaging - 3	13:30 - 14:30	Poster area
Geophysics	Poster session 1E Geophysics - Seismic Interpretation - 3	13:30 - 14:30	Poster area
Geology	Poster session 2. Geology - 3	13:30 - 14:30	Poster area
Petroleum and Reservoir Engineering	Poster session 3. Petroleum and Reservoir Engineering - 3	13:30 - 14:30	Poster area
Integrated Subsurface	Poster session 4. Integrated Subsurface - 3	13:30 - 14:30	Poster area
Energy Transition	Poster session 5. Energy Transition - 3	13:30 - 14:30	Poster area
Computer Science, Standards & Information Management	Poster session 7. Computer Science, Standards & Information Management	13:30 - 14:30	Poster area

Discipline	Session name	Time	Room
Afternoon session			
Computer Science, Standards & Information Management	Computer Science, Standards & Information Management - part 2	14:30 - 15:50	Room 16
Dedicated session	DS-20. UK CCUS Projects	14:30 - 17:30	Room 5
Dedicated session	DS-18. Gravity, Magnetic and Electromagnetic Renaissance	14:30 - 17:30	Room 8
Dedicated session	DS-15. Minds, Models and Meaning - Bridging the Gap between Geoscience & Engineering	14:30 - 17:30	Room 11
Dedicated session	DS-24. Marine Geohazards and Geo-Engineering Constraints on the Glaciated European Margins	14:30 - 17:30	Room 17
Dedicated session	DS-04. Critical Minerals Exploration: Enabling the Future of Renewable Energy	14:30 - 15:50	Room 18
Environment, Minerals and Infrastructure	Environment, Minerals and Infrastructure - part 2	16:10 - 17:30	Room 18
Geology	Depositional systems and Outcrop Analogues	14:30 - 17:30	Room 10
Geology	Petrophysics & Core Data-2	14:30 - 15:50	Room 12
Geophysics	Velocity Model Case Studies - 2	14:30 - 15:50	Room 1
Geophysics	Seismic Reservoir Characterisation-5	16:10 - 17:30	Room 1
Geophysics	Wavefield reconstruction, sampling strategies, and compressive sensing	14:30 - 17:30	Room 2
Geophysics	High Resolution for Shallow Subsurface	14:30 - 17:30	Room 3
Geophysics	ML & AI for Seismic Characterisation: Properties II	14:30 - 17:30	Room 4
Geophysics	Autonomy in Geophysics	14:30 - 15:50	Room 6
Geophysics	Acquisition Geometries & Hardware-4	16:10 - 17:30	Room 6
Geophysics	Multi Component	14:30 - 17:30	Room 13
Geophysics	Full Waveform Inversion - Velocities-4	14:30 - 17:30	Room 14
Geophysics	Full Waveform Inversion - Imaging-3	14:30 - 15:50	Room 15
Geophysics	ML & AI for Seismic Interpretation: Salt	16:10 - 17:30	Room 15
Integrated Subsurface	Multi-Disciplinary Studies - part 2	14:30 - 17:30	Room 19
Integrated Subsurface	Geo-mechanics & Pore Pressure - part 2	14:30 - 15:50	Room 7
Petroleum and Reservoir Engineering	Well Construction, Performance & Work-Overs	16:10 - 17:30	Room 9
Petroleum and Reservoir Engineering	ML & AI for Production Optimisation & Forecast-2	16:10 - 17:30	Room 9

Did you know?

Pittodrie Stadium was a football pioneer. In **1978**, it became the **first all-seater football stadium in Britain**, and it is also widely recognised as the **birthplace of the dugout**, introduced at the ground in the early 1930s.

Technical Programme

Tuesday 9 June | Oral presentations

Last updated 1 May 2026

ROOM 1 		ROOM 2 		ROOM 3 	
Imaging Theory & Wavefield Modelling-1		Full Waveform Inversion - Velocities-1		ML & AI for seismic imaging & velocity modeling - part 1	
08:30	Mixed staggered-grid finite-difference scheme for elastic wave numerical simulation with automatic separation of P- and S-wave – Z. Hu - Research Institute of Petroleum Exploration & Development-Northwest (NWGI), Petrochina	08:30	3D extended receiver full waveform inversion: complexity analysis and OBC field data application – L. Métivier - Univ. Grenoble Alpes, ISTerre; Univ. Grenoble Alpes, CNRS, LJK	08:30	Neural representation-based waveform inversion: a realistic case study – S. Cheng - King Abdullah University of Science and Technology
08:50	High-Resolution Elastic Full-Waveform Inversion Imaging in Heterogeneous Media with Lamé-Parameter Gradients – W. Lv - China University of Petroleum (East China)	08:50	3D near-surface model building using Scholte waves from NorthSea field data – K. Xiong - Univ. Grenoble Alpes, ISTerre	08:50	Learned Regularizations for Multiresolution Hash Encoding-based Implicit Full Waveform Inversion Using Diffusion Models – S. Wang - King Abdullah University of Science and Technology
09:10	Potential Wavefield Inversion (PWI) via quasi-acoustic surrogates for elastic media – A. Ziegler - CREWES, University Of Calgary	09:10	FWI fundamentals, challenges, complex near-surface onshore fold, thrust belts and offshore Reefs case studies – A. Riaz - Eigeosolutions Ltd	09:10	Escaping Geological Generative Prior Distributions in Bayesian Travel Time Tomography – P. Roy - University of Edinburgh
09:30	High-efficiency viscoelastic wave forward modeling method based on dispersion relation optimization and the fractional-order constant-Q model – J. Xu - National Engineering Research Center of Oil&Gas Exploration Computer Software; BGP Inc., China National Petroleum Corporation	09:30	Leveraging Seismic Interference from Neighbouring Survey to Improve Velocity Models and Subsalt Imaging in OBN FWI – L. Jiang - bp	09:30	Latent space optimization in neural operator-based waveform inversion – S. Cheng - King Abdullah University of Science And Technology
09:50 Coffee Break					
10:10	Accurate FD modelling and inversion of wave propagation with irregular boundary conditions – J. Robertsson - ETH Zurich; Apparition Geoservices GmbH	10:10	Acquisition-Imaging Confluence: Sub-Hertz Elastic FWI for Improving Subsalt Imaging – K. Abdelaziz - TGS	10:10	Multi-parameter EFWI regularized by conditional normalizing flows – J. Du - Harbin Institute Of Technology
10:30	Efficient 3D Seismic Wave Simulation with Topography Using an Overset Virieux-Lebedev Grid FDTD Scheme – Z. Zhang - China University of Petroleum (East China); Institute of Acoustics, Chinese Academy of Sciences	10:30	Joint Scholte-wave and diving-wave FWI – L. Letki - DUG Technology	10:30	Self-Supervised Deep Learning Framework for Cycle-Skipping Mitigation in Full-Waveform Inversion – O. M. Saad - KAUST
10:50	An immersed boundary implementation for the Helmholtz equation with varying topography – Z. Ji - Harbin Institute of Technology	10:50	Joint seismic full-waveform and electrical resistivity inversion – F. Rincón - Università Di Pisa	10:50	Position-based point-spread-function representation network for migration image deconvolution with regularised inversion – Z. Jia - Tsinghua University
		11:10	Benefits of long offsets in a FWI workflow balanced by seismic acquisition cost – Y. Le Men - OMV E&P GmbH	11:10	Long-range Underwater Target Localization via Seismic-Style DCT-Domain Deep Learning – H. Yuan - Zhejiang University
11:30 Break					
13:30 Poster session					
Imaging Theory & Wavefield Modelling-2		Full Waveform Inversion - Velocities-2		ML & AI for seismic imaging & velocity modeling - part 2	
14:30	Elastic Reverse-Time Migration Method with Multi-Stress Joint Imaging – P. Wang - China University of Petroleum (East China)	14:30	Designing Sparse Seismic Surveys to Monitor Subsurface CO2 Migration using Full Waveform Inversion – X. Zhao - University Of Edinburgh	14:30	Diffusion model-based posterior sampling in full waveform inversion – T. Alkhalifah - King Abdullah University Of Science And Technology
14:50	Efficient and Stable Viscoacoustic Q-RTM for Imaging Applications in Complex Geological Data – S. Dong - China University Of Petroleum (East China)	14:50	Elastic full-waveform inversion of distributed acoustic sensing data – N. Kamath - Viridien	14:50	Velocity model building via diffusion inversion with well and image constraints guidance – F. Brandolin - KAUST
15:10	A novel conversion-aware elastic RTM with dual back-propagation strategy – Y. Wang - China University of Petroleum (East China)	15:10	FWI-4D: assessment of resolution, acoustic and elastic signatures on a field data example – N. Vieira da Silva - TotalEnergies	15:10	Deep Generative Full Waveform Inversion via Latent Space Gaussianization – C. Ma - China University Of Petroleum (East China)
15:30	Q-compensated reverse time migration based on a time-domain q-viscoacoustic wave equation – C. Santana - Federal University Of Rio Grande Do Norte	15:30	Implicit acoustic full waveform inversion using WIRE neural networks – S. Berti - University Of Pisa	15:30	Joint inversion of seismic velocity and source locations via conditional Schrödinger bridge – U.B. Waheed - KFUPM
15:50 Coffee Break					
16:10	Joint least-squares full-wavefield inversion for Q-factor and vector reflectivity – S.L. Da Silva - CNR c/o Politecnico di Torino; UFRN	16:10	Improving Atlantis Subsalt Velocity through Static Nodes Acquisition – L. Jiang - bp	16:10	Migration velocity analysis by deep learning multimodal data – J. Sun - Peking University
16:30	Quaternion-based solutions for pressure fields in smooth 3D heterogeneous media – F.A. Bookelmann - TU Delft	16:30	Joint elastic full-waveform inversion of hydrophone and vertical geophone recordings for exploration scale OBN data – M. Kalita - SLB	16:30	Accelerating Velocity Model Building in Frontier Exploration through Self-Supervised and Physics-Based Deep Learning – M. Roberts - TGS
16:50	Huygens' principle with Green's functions or with focusing functions? – K. Wapenaar - Delft University of Technology	16:50	Joint reconstruction of icequake mechanisms and 3D structure at Argentière Glacier using 3D elastic FWI – A. Grange - Univ. Grenoble Alpes, CNRS, ISTerre	16:50	Flow matching diffusion model for field seismic ultra-low frequency enhancement with reconstruction-consistency mean teacher approach – H. Tang -
		17:10	Implicit Viscoacoustic Full Waveform Inversion – S. Berti - University Of Pisa	17:10	Spectral Warm-up for Neural-Reparameterized Full Waveform Inversion – S. Wang - King Abdullah University of Science and Technology



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Tuesday 9 June | Oral presentations

Last updated 1 May 2026

ROOM 4		ROOM 5		ROOM 6	
ML & AI for Seismic Processing I (time-lapse, velocities, high-res)		CCS: Screening & Site Characterisation-1		Distributed Acoustic Sensing-1	
08:30	4D seismic denoising using a dual-band WcGAN-GP architecture – J.A. Collazos Gonzalez - Universidade Federal Do Rio Grande Do Norte (UFRN)	08:30	When Geology Matters: Rethinking CO2 Storage in Heterogeneous Carbonate Reservoirs Introduction – A.I. Koeshidayatullah - King Fahd University of Petroleum and Minerals	08:30	Eikonal-Regularized U-FNO for High-Precision DAS Microseismic Localization at the Utah FORGE Geothermal Field – U. Bin Waheed - King Fahd University of Petroleum and Minerals
08:50	Physics-aware Deep Learning for Surface Wave Mode Separation – Y. Cui - Uppsala University; King Fahd University of Petroleum and Minerals	08:50	Managing Uncertainty in CO2 Storage: Lessons from Arabian Plate Carbonate Systems – D. Shauky - Saudi Aramco	08:50	Advancing Reservoir Imaging: Value-Driven 3D DAS Seismic Acquisition in ACG Field – R. Rizayev - bp Exploration Caspian Sea Ltd.
09:10	Advantages of Deep Learning vs. FWI for 4D seismic inversion using sparse OBN data – K.D.J. Rincon Perez - UFRN	09:10	Seismic Interpretation and CO2 Migration Modelling for Carbon Capture and Storage in a Brazilian Offshore Setting – B.L. De Oliveira - Universidade Federal Fluminense; Eliis	09:10	Surface-Borehole Joint DAS 3D-VSP: Application in Complex Loess Plateau – J. Li - Bgp Inc.
09:30	Orientation-aware DAS attributes and ROI graph neural networks for microseismic eventscreening – I. Kurosawa - ENEOS Xplora Inc	09:30	Impact of Geological Heterogeneity at Facies and Facies-Association Scales on CO2 Storage in Shallow Marine Reservoirs – C. Jacquemyn - Imperial College London	09:30	Towards quantitative subsurface characterization and monitoring using DAS systems – D. Urozayev - SINTEF Industri
09:50 Coffee Break					
10:10	A physics-guided self-supervised diffusion model for seismic resolution enhancement – H. Tang - Research Center for Computational and Exploration Geophysics, State Key Laboratory of Precision Geodesy, Innovation Academy for Precision Measurement Science and Technology, CAS	10:10	Bleaching Fronts as Quantitative Flow Proxies for CO2 Storage in Aeolian Red Beds – S. Kelly - University of Aberdeen	10:10	Multi-well DAS VSP time-lapse processing in CO2CRC Otway project Stage 4 – B. Gurevich - Centre for Exploration Geophysics, Curtin University
10:30	Low-Frequency Extrapolation of Seismic Data Based on U-shaped Neural Operator – Z. Qiao - China University of Petroleum (EastChina)	10:30	Experimental Evaluation of Three Clay Minerals for CO2 Mineralisation: New Pathways for Carbon Sequestration – M. Abdalqadir - Teesside University; Dauson Environmental Group	10:10	Cross-Interrogator 4D DAS-VSP Monitoring at the CO2CRC Otway Stage-4 Site – M. Al Marzooq - Curtin University
10:50	Time-varying wavelet extraction from prestack seismic data via supervised deep learning – Z. Dong - Bgpinc., China National Petroleum Corporation, BGP Hebei Acquisition Technology Branch, CNPC	10:50	Dynamic Contact Angle of Supercritical Carbon Dioxide on Hith Anhydrite – M. Yutkin - King Abdullah University of Science and Technology	10:30	High-fidelity imaging with DAS 3DVSP: Insights from an injection well in the Caspian Sea – A. Sayed - SLB
		11:10	Prevention and mitigation strategy selection for salt deposition in dry-out zone of CCS aquifer schemes – T. Pujol - Tracs International	10:50	Passive Downhole DAS Monitoring of CO2 Injection at Svelvik Field Lab: Insights from Ambient Noise Analysis – D. Nziengui Bâ - FEBUS Optics
11:30 Break					
13:30 Poster session					
ML & AI for Seismic Processing III (characterisation and case studies)		CCS: Screening & Site Characterisation-2		Distributed Acoustic Sensing-2	
14:30	Fusion of STCN and physical prior constraints: achieving high-fidelity seismic data denoising – C. Ma - China University of Petroleum (East China)	14:30	Ensemble Risk Analysis for Optimised Geological CO2 Storage Design – M. Liem - Storra Dynamics GmbH	14:30	Assessing Submarine Telecom DAS for Seismic Imaging Along the Texas Gulf Coast – A. Bakulin - Bureau of Economic Geology, Jackson School of Geosciences, The University of Texas at Austin
14:50	When Deep Learning Meets Imperfect Labels: A Case Study for DAS Denoising – Y. Cui - King Fahd University of Petroleum and Minerals	14:50	Early polarization of fault containment risks in CCS projects through geomechanical screening – K. Bisdom - Shell Global Solutions International BV	14:50	Comparison of distributed acoustic sensing and ocean-bottom seismics for reservoir imaging and monitoring – E.B. Raknes - Aker BP
15:10	A Hybrid Physics-DL Framework for Mitigating Severe Attenuation in Deep-Water Complex Environments – H. Wang - Harbin Institute of Technology	15:10	Development of a CO2 Leakage Calculator for Legacy Wells with Realistic Geometries – A.M. Log - SINTEF Energy Research	15:10	A 3D seismic survey on the Johan Castberg field using Distributed Acoustic Sensing. – M. Thompson - Equinor
15:30	Internal Multiple Suppression Using a Prior Information Constrained Neural Network – D. Li - Peking University	15:30	Quantitative Risking of CCS Projects with Legacy Wells – P. Pestman - Rose Subsurface Assessment	15:30	Seabed-deployed Distributed Acoustic Sensing: 2.5D PP migration and P diving-wave Full Waveform Inversion at shallow-water Ekofisk – A. Robin - TotalEnergies OneTech
15:50 Coffee Break					
16:10	Deep learning assisted 2D-to-3D seismic image reconstruction: A North Sea example – T. Zhao - SLB	16:10	Dynamic simulation of migration-assisted gigatonne-scale CO2 storage, offshore Australia – M. Mccaughy - Elgol Geoscience Ltd	16:10	Continuous Waveform Analysis of Offshore DAS for Automatic Earthquake Detection and Magnitude Estimation in the UKCS – G. Rodriguez-Pradilla - University of Bristol
16:30	Exploring continuous and discrete embeddings from pretrained tokenizer in application to seismic data – O. Ovcharenko - NVIDIA	16:30	Investigating the impact of grid resolution and petrophysics on CO2 fate at Aurora injection site – D. Di Curzio - Eni S.p.a.	16:30	Analysis of DAS and 3C Geophone Responses for Environmental Seismic Monitoring – E. Roshdy - Institute Of Geophysics Polish Academy Of Sciences; Cairo University
16:50	PHASER: A Deep Learning Model for Real-time Downhole Microseismic Event Picking – K. Leung - University Of Bristol	16:50	Evaluation of Steady-State CO2 and Brine Relative Permeability Measurements Compared with Unsteady-State History Matching – S. Khani Rasmussen - Geological Survey of Denmark and Greenland	16:50	Surface 3C-DAS system development and field test for SDAS data acquisition – G. Yu - BGP, CNPC; Optical Science and Technology (Chengdu) Limited
17:10	Revealing the Diffracted Wavefield in Ultra High-Resolution Seismic Data with Deep Learning – J. Walpole - TGS	17:10	Modelling CO2 sequestration at high resolution and regional scale: Cenozoic of the North Sea – R. Jonk - University Of Aberdeen	17:10	Derisking S-DAS on land for CCS and new energy: Selected results from Fairview Rd. field trials – R. Bachrach - SLB



Silent Conference room

Technical Programme

Tuesday 9 June | Oral presentations

Last updated 1 May 2026

ROOM 7 		ROOM 8 		ROOM 9 	
Time-lapse (4D)-1		ML & AI for Seismic Interpretation: Faults and Fractures		Dynamic Reservoir Characterisation & Modeling	
08:30	Validating Opportunistic 4D as a Proof of Concept for Seismic Monitoring – C. Lazizi - Tgs	08:30	Topology Matters: Semi-Automated Refinement of AI-Derived Fault Networks for Migration and Connectivity Screening – L. Tortarolo - Eliis	08:30	Integrated Fine 3D Modeling of High-Permeability Zones for Heterogeneous Gas Reservoir – Z. Liu - Northeast Petroleum University; CNPC
08:50	First Ultra-High-Density OBN 4D surveillance in Clair Ridge – L. Wang - bp	08:50	Deep learning-based prediction of complex strike-slip faults using 3D forward modeling data – R. Gao - Sinopec Geophysical Research Institute	08:50	Direct Numerical Simulation of Drainage in a Natural Rough Fracture: Connectivity and Aperture Occupancy – S. Achuo Dze - The Lyell Centre, Heriot-watt University; Institute of GeoEnergy Engineering, Heriot-Watt University
09:10	Cost-Efficient Time-Lapse (4D) Seismic Pilot in an Onshore Carbonate Field – Q. Hirsch - Ad Terra Consultancy	09:10	Building a 3D Fault Training Dataset from Multiple Seismic Surveys: A Central Sichuan Basin Case Study – C. Ke - BGP,CNPC	09:10	The geology of multipliers - a tale of integrated reservoir modeling – H. Boro - Sproule ERCE
09:30	Challenges and Strategies in 4D Seismic Processing of OBN over towed streamer Acquisition Data – B. Szydluk - SBL	09:30	Unlocking Joanne Dome Ekofisk Chalk: De-risking Hydraulic Fracturing with AI-Fault Detection and Colour Blend Forward Modelling – R. Williams - Harbour Energy	09:30	Dynamic Model Update of the Burgan Marrat Reservoir A Case Study of Improved History Matching – F. Buhamad - Kuwait Oil Company
09:50 Coffee Break					
10:10	Transitional OBN/WATS 4D in a subsalt deep offshore environment: Better than expected results – A. Lafram - TotalEnergies	10:10	Uncertainty Quantification in Seismic Fault Detection Using Conditional Diffusion-based Model – J. Ko - Inha University	10:10	Research and application of water injection recovery technology in ultra-deep carbonate reservoir – X. Wang -
10:30	Reviving legacy 4D towed streamer data to reveal subtle oil slumping signals in the Grane field – M. Wilk-Lopes - SLB	10:30	When resolution matters: Multiscale impacts in automatic fault extraction applied to OBN data in Brazilian Pre-Salt – M. Nilo - GIEGAR	10:30	Identification Method for Geological-Engineering Dual Sweet Spots in Low-Permeability Reservoirs – Z. Wang - CNOOC Research Institute Co., Ltd.
10:50	The impact on quality of consistent P-up generation for 4D products on multicomponent towed streamer data – M. Wilk-Lopes - SLB	10:50	Integrating Geological Interpretation and Machine Learning for Improved Fault Mapping in UK Jurassic Brent Province – G. Poole - NEO NEXT+	10:50	Dynamic simulation and seismic modelling of sand injectite reservoirs based on outcrop derived fine scale models – R. Waltham - University of Aberdeen
11:10	Improved imaging and 4D signal extraction through re-processing and FWI at Valhall – R. Higgins - Viridien	11:10	Fracture-cavity body prediction using a deep learning method based on 3D forward modeling data – R. Gao - Sinopec Geophysical Research Institute	11:10	Density-Based Analysis of Rate and Bottomhole Pressure Data from Multistage Fractured Horizontal Wells in Gas Reservoirs – M. Onur - The University of Tulsa
11:30 Break					
13:30 Poster session					
Time-lapse (4D)-2		ML & AI for Seismic Interpretation: Structure		Flow Simulation for O&G & CCS-1	
14:30	Connecting 4D signal and noise through delta AI and NRMS – C. Hill - bp	14:30	Intelligent sweet spots prediction in the South China Sea based on reservoir geological classification – Z. Chen - CNOOC China Limited, Shenzhen Branch	14:30	A new OpenFOAM-based real gas model for CO2/H2O mutual solubility in CO2 storage processes – A. Papi - Heriot-Watt University
14:50	Time-lapse seismic inversion using a 3D neural operator – X. Ma - KAUST	14:50	AI-assisted 3D seismic geomorphology of Venus-style basin-floor fan systems in the South African Orange Basin – L. Tortarolo - Eliis	14:50	Connectivity improvement in fluid flow simulations using forward stratigraphic modelling (FSM) combined with geostatistics – J. Ben Meftah - Beicip Franlab (IFP Group Company)
15:10	Modelling and inversion of (hybrid) 4D data for pressure and saturation changes: a Brazilian field application – C. Nunes - Petrobras; Heriot-Watt University	15:10	Prior-Guided Diffusion with Denoised-Sample Prediction for Implicit Structural Modeling – Z. Guo - University of Science and Technology of China	15:10	Numerical Modelling of CO2 Injection in a saline aquifer for Well Permitting: A Case Study – G. Cunha - Intera Geosciences UK Ltd
15:30	Joint time-lapse Full Waveform Inversion: theory, algorithms and numerical examples – T. Rollin - University Côte d'Azur, CNRS, Géoazur	15:30	Knowledge-Driven AI Assistant for Subsurface Interpretation and Decision Support – A. Yadav - Aureon Energy	15:30	From Sediments to Storage: Geological Controls on CO2 Flow and Trapping in Shallow-Marine Reservoirs – Q. Zhang - Delft - University Of Technology
15:50 Coffee Break					
Noise Attenuation					
16:10	Adaptive Sparse Inversion for Residual Signal Recovery – A. Kumar - Shearwater GeoServices	16:10	A Multi-agent System for Conversational Seismic Interpretation – J. Wu - SLB	16:10	Addressing the physical effects for CO2 storage geophysical monitoring – D. Rappin - TotalEnergies
16:30	An Adaptive Random Noise Attenuation Framework for Seismic Data Using Swarm Decomposition – A. Ma - Tarim Oilfield Company, CNPC; Xinjiang Key Laboratory of Ultra-deep Oil and Gas; R&D Center for Ultra Deep Complex Reservoir Exploration and Development Technology	16:30	Probabilistic Mapping of Sand Injectite Complexes Using Vision Foundation Model Segmentation – A. Clarke - Eliis	16:30	Total Mobility and Miscible Viscous Fingering in Subsurface Displacements – A. Beteta - Heriot-Watt University
16:50	Seismic data denoising algorithm based on tensor dictionary learning – W. Liu - Research Institute Of Petroleum Exploration & Development-northwest (nwgi), Petrochina	16:50	Scaling the Subsurface: Deep Generative Synthesis of 3D Seismic Properties – X. Sun - Institute of Advanced Technology, University of Science and Technology of China	16:50	Full-Cycle Relative Permeability Modelling for Supercritical CO2-Brine Systems: A Novel Framework for Better CCS Reservoir Simulation – M.N.A. Akbar - Rock Flow Dynamics
		17:10	Unsupervised Seismic Facies Classification for Reservoir Architecture Analysis via Deep Latent Features – Y. Wang - University of Science and Technology of China		



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Tuesday 9 June | Oral presentations

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ROOM 10 		ROOM 11 		ROOM 12 	
Carbonates & Evaporites		Geothermal Energy-1		Depositional Systems	
08:30	Process-Based Forward Stratigraphic Modeling of Evaporites in the Gotnia-Hith System, Kuwait – F. Desfromont - Beicip-Franlab	08:30	From Seismic Facies Mapping to District-Heating Economics: Machine Learning Unlocks Geothermal Potential in the Pannonian Basin – M. Elbalawy - University of Miskolc	08:30	Provenance relationships of sandstone intrusions and their depositional parent units – W. Luzinski - University Of Aberdeen
08:50	The Petrophysical Properties of Carbonate Rocks, Collected in the Apennines and in Different Regions of Pakistan – H. Ullah - University of Perugia Italy	08:50	Solotvyno Basin (Ukraine) geothermal potential: from laboratory to regional scale basin view – I. Virshylo - Ukrgasvydobuvannya JSC; Taras Shevchenko National University of Kyiv	08:50	Fine-Grained Contourite Architecture and Cyclic Sedimentation in Late Miocene–Pliocene Plastered Drift, Canterbury Basin, New Zealand – O. IBEZIM - Heriot-watt University
09:10	U-Pb Geochronology of Diagenesis and Pore Evolution in Cretaceous Carbonates: Insights from the Urgonian Limestone France – Y. Zhang - PetroChina Hangzhou Research Institute of Geology	09:10	Enhancing deep fault imaging using FWI for geothermal exploration: An Upper Rhine Graben case study – K. Arrache - Viridien	09:10	Stratigraphic response to along-strike subsidence variations across magma-rich and magma-poor segments, Scotian Basin – L. Vivanco - University of Alberta
09:30	Igneous Intrusion Paradox: How They Enhance and Damage Carbonate Reservoirs in the Mero Field – G. Marins - Petrobras; Fluminense Federal University	09:30	Seismic characterisation of fluvial geothermal reservoirs using deep learning – B. Gesbert - Delft University Of Technology	09:30	Further Examples of Sinkites and Buoyancy Driven Stratigraphic Inversion. – J.E. Rudjord - Independent researcher working in Aker BP
09:50 Coffee Break					
10:10	Silica in Santos Basin Pre-salt; where is it, is it good or bad for reservoir performance? – E. Follows - Shell Research Limited	10:10	Testing geothermal feasibility in Aberdeen – D. Cornwell - University Of Aberdeen	10:10	Seismic Stratigraphic Architecture and Palaeoceanographic Forcing of Pliocene–Quaternary Contourites in the Canterbury Basin, New Zealand – O. IBEZIM - Heriot-watt University
10:30	Petrophysical analysis of porosity–permeability correlation in Barra Velha carbonate reservoirs, Mero Field, Pre-salt Santos Basin, Brazil – R. Lopes - Rio de Janeiro State University (UERJ)	10:30	Accelerating Legacy Mine Reuse for Geothermal Energy and Storage: UK Case Studies – S. Jack - TownRock Energy	10:30	Multi-phase shale tectonics control on depositional architecture and trapping mechanisms in the Foz do Amazonas basin – A. Cosson - Eliis
		10:50	Utilizing Late-Life Offshore Oil Fields for Geothermal Energy: A Ula Case Study – A. Escalona - University of Stavanger	10:50	High-Resolution Borehole Image-Based Sequence Stratigraphy of Silurian Siliciclastic Deposits: A Case Study from the Ghadames Basin – M. Albrouki - SLB
		11:10	Defining a geothermal volcanic play conceptual model through Multiphysics modelling in the Philippines – F. Ceci - SLB		
11:30 Break					
13:30 Poster session					
Clastic Reservoirs		DS-08. Cost effective monitoring for geological storage and geothermal projects			
14:30	Real-Time Fluid Typing and GOR Prediction Using Advanced Mud-Gas Chromatography in TAGI Reservoir – E. Chillon - Geolog International	14:30	10 years of operational experience: from high frequency to cost effective monitoring at Aquistore CCS site – Z. Movahedzadeh - Petroleum Technology Research Centre Inc.	14:30	Quantifying Karst Across Scales: Insights from Pleistocene Carbonates of the Bahamas to Pre-Salt Carbonates – C. Menezes de Jesus - Heriot-watt University
14:50	Understanding and Modelling Reservoir Quality in deeply buried Garn Formation, Fangst Group, Northern Norwegian Sea – C.J. Lowrey - Petrostrat	14:50	Developing a sparse monitoring array at the Newell County Field Research Station – B. Kolkman-Quinn - Carbon Management Canada	14:50	From Legacy Reports to Digital Rock Models: An AI Workflow for Enhanced Reservoir Characterization – I. Deshnenkov - Saudi Aramco
15:10	Prospectivity of the Mauritanian margin: Reservoir fairways revealed through a mega-regional 3D dataset – E. Kay - TGS	15:10	More from Less: DAS and ultra-sparse node for cost effective subsurface monitoring – K. Liao -	15:10	Property-Constrained 3D Porous Media Reconstruction from 2D Images via Conditional Generative Adversarial Networks – A. Sadeghkhani - University Of Leeds
15:30	Depositional Characteristics, Evolution, and Sedimentary Model of Shallow-Water Fan Delta in Karamay Formation, Junggar Basin, China – G. Qin - Ripped Cnpc	15:30	Surface DAS based subsurface monitoring system in land and marine environments: Current status and road ahead – R. Bachrach - SLB	15:30	Differentiable Spline-Based Optimization for Automated Well-Log Depth Alignment – S. Acharya - Norwegian University of Science and Technology
15:50 Coffee Break					
Static GeoModelling					
16:10	From smooth property fields to sharp interfaces: Updating implicit geological models with geophysical data – A. Balza Morales - RWTH Aachen University; ETH Zürich	16:10	Integrating data, technologies, and modelling for developing passive seismic monitoring for CO2 storage – T. Kettlety - University of Oxford	16:10	Increasing the accuracy of well-logging inversion using a hyperparameter estimation approach – A.O. Kamal - University of Miskolc; University of Ain Shams
16:30	Process-Constrained Facies Modelling of Miocene Carbonate Build-Ups Using FSM–MPS – G. Jimenez Soto - Consultant	16:30	Reservoir Monitoring measuring Timelapse gravity and seafloor deformation with an unmanned surface vessel. – J.E. Lindgård - Reach Subsea	16:30	A saturation modelling method for reservoirs with tilted oil-water contact and free water level – C. Ning - Research Institute Of Petroleum Exploration And Development, Petrochina
16:50	Using Rouse profile to model grain size distribution in turbiditic reservoirs associated with meandering channels – J. Grimaud - Centre de Géosciences, Mines Paris, PSL University	16:50	Time-lapse Gravity and Seabed Deformation Monitoring for the Endurance CO2 Store, Southern North Sea, UK – T. Bourne - bp	16:50	Enhanced Permeability Prediction Based on Geology-driven and AI Lithofacies Identification – C. Xin - BGP, CNPC
17:10	Physics-Informed Facies Modeling: Integrating Process Simulation with Generative Learning in the Brazilian Pre-Salt – M. Tian - Sinopec Petroleum Exploration And Production Research Institute	17:10	Time-lapse gravity for subsurface fluid monitoring in carbon storage applications and geothermal reservoirs – L. De Luca - SLB	17:10	Transferable Machine Learned CO2-Brine Relative Permeability Models for Geological Storage – A. Mosallanezhad - Research Centre for Carbon Solutions (RCCS), Heriot-Watt University



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ROOM 13 		ROOM 14 		ROOM 15 	
DS-13. Exploration in Times of Crisis: Lessons from Ukraine-1		Seismic Inversion Techniques for reservoir characterisation		Anisotropy & Fractured Reservoirs	
08:30	Keynote - Ukraine: the Last Frontier Exploration Opportunity in Europe – M. Vityk - JSC Ukrgasvydobuvannya	08:30	Adaptive Strong Shielding Removal via Dynamic Optimal Matching Pursuit for Sandstone Reservoir Seismic Prediction – M. Huang - China University Of Petroleum (East China)	08:30	Joint PP- and PSV-wave AVOA inversion for estimating fracture and fluid indicators – H. Chen - Tongji University, School of Ocean and Earth Science
09:10	Exploration During Active War Conflict: Drivers, Strategies and Revised Risks – I. Karpenko - Naftogaz Group	08:50	True-Depth Domain Pre-stack Elastic Parameter Inversion Technology – Q. Wang - CNOOC Research Institute Co., Ltd.; Xi'an Jiaotong University	08:50	Deep learning-assisted azimuthal seismic attribute optimization and anisotropy parameter prediction – R. Luo - Tongji University
09:30	3D Seismic Exploration under Extreme Constraints: Technical Lessons from Wartime Ukraine – S. Klamer - SK-Geo	09:10	Pre-stack seismic inversion method for shale brittleness based on lithofacies constraints – Y. Wang - China University of Petroleum (East China)	09:10	In-situ Stress Prediction of HTI Media with 5D Seismic Data – H. Zhou - China University of Petroleum (East China)
		09:30	A Structure-Guided Mixed-Norm Regularization for Post-Stack Acoustic Impedance Inversion – H. Chen - China University of Petroleum (Beijing)	09:30	Shear Wave Velocity Prediction Based on Fracture Random Fields – J. Sun - China University Of Petroleum (East China)
09:50	Coffee Break				
		DS-22. New ideas from mature basins - the North Sea and beyond: recent insights from Petroleum Geoscience			
10:10	Unlocking Deep and Ultra-Deep Hydrocarbon Potential in onshore Ukraine: Advanced Technologies for Exploration and Development – I. Solodkyi - DTEK Oil&Gas	10:10	Probability forecast verification and calibration in petroleum exploration: insights from the Norwegian Continental Shelf – M. Mohammadi - University of Stavanger	10:10	Anisotropic Seismic Inversion Method for VTI Media Considering Stress Effects – M. Wang - China University of Petroleum (East China)
10:30	Commercial Hydrocarbon Pool Location, Recoverable Reserve, and Production Rate Using Regularization-Free Geologically Meaningful 3D Gravity Inversion – O. Petrovskyy - DEPROIL	10:30	Impact of Burial Depth and Clay Content on Fault Permeability: Njord Field Case Study – P. Müller - Equinor ASA	10:30	Application of Multi-scale Seismic Data for Fracture Reservoir Characterization in an Archean Buried-Hill Area – J. Liu - Southwest Petroleum University
10:50	Integration of Rock Physics Modelling for Reservoir Characterization in DDB – V. Antoniuk - JSC Ukrgasvydobuvannya	10:50	The Paso Anomaly: shallow gas contained within Lower Pleistocene glaciogenic deposits in the Central North Sea – J. McLoughlin - Sproule ERCE	10:50	Rock Physics-Constrained GCN for Shale Elastic Anisotropy Prediction – S. Wang - Tongji University
11:10	Unconventional Exploration during the Wartime: Visean DDB case study (Eastern Ukraine) – S. Levoniuk - Ukrgasvydobuvannya	11:10	Unravelling the Devonian of the Clair Oil Field: an integrated reservoir quality and sedimentology study – L. Wooldridge - bp		
11:30	Break				
13:30	Poster session				
DS-13. Exploration in Times of Crisis: Lessons from Ukraine-2		Seismic Reservoir Characterization and Prediction		Simultaneous Source	
14:30	Quantitative Interpretation as one of the key tool for reveal hydrocarbons potential in Ukraine – P. Kuzmenko - JSC Ukrgasvydobuvannya	14:30	QI workflow optimization for accelerated field development through seismic processing and inversion parallelization – S. Rhodde - TotalEnergies	14:30	Deblending an efficient self-simultaneous source Ocean Bottom Node survey – P. Tillotson - bp Exploration and Operating Company Ltd
14:50	Black Sea Hydrocarbon Exploration Anabasis: Milestones, Concepts, and Personalities – A. Kitchka - UkrNDIgaz Res. Inst.	14:50	3D fracture inversion using MCMC sampling method for uncertainty quantification – R. Feng - Aramco Asia	14:50	Deblending a hybrid airgun and ultralow-frequency source survey, a Gulf of Mexico OBN case study – M. Salgadoe - SLB
15:10	De-risking of clastic reservoirs: Comprehensive study from micro to macro levels, Dnieper-Donets Basin, Eastern Ukraine – O. Rudenko - Kyiv Branch Of Ukrndigaz	15:10	Prediction of Ultra Thin and Thick Reservoirs Based on Wavelet Analysis and Spectral Reconstruction – Z. Xiaojie - Exploration And Development Research Institution Of Bohai Oilfield	15:10	Inversion-Based 4D Deblending with Higher-Dimensional Coherence – T. Mo - Tongji University
15:30	Advanced Geo-Modeling as a Key to Prolonging Gas Field Production in the Dnieper-Donets Basin, Ukraine – V. Karpyn - Jsc Ukrgasvydobuvannya	15:30	A well trajectory design method for fault-controlled fractured-vuggy reservoirs – F. Li - Sinopec Geophysical Research Institute	15:30	Comparing dithered and encoded shooting for Exploration nodal surveys – F. Ten Kroode - TGS
15:50	Coffee Break				
DS-19. Production Management and Surveillance					
16:10	Value of Surveillance and monitoring of water flooding in complex carbonate reservoirs – I.B.M. Elzaidi - bp	16:10	Reservoir Petrophysical Properties Prediction Based on First-Order Difference Approximation of Rock Physics Models – Y. Gu - BGP, CNPC	16:10	Reblending-denoising inspired self-supervised strategy for inversion-based seismic deblending – R. Lin - Harbin Institute of Technology
16:30	AI-Powered Integrated Production Management: Turning Uncertainty into Advantage – R. Saxena - Halliburton	16:30	Fluid discrimination and fracture detection for the medium containing a set of vertical fracture cluster – B. Wang - China University of Petroleum (East China)	16:30	A Model Integrated with T-D Rules for Task Assignment and Path Planning in High-efficiency Seismic Acquisition – X. Zhang - BGP/CNPC
16:50	Look ahead of 4D seismic value in optimizing reservoir development throughout project life while maintaining safety – C. Agut - TotalEnergies	16:50	Reservoir prediction technology for the Middle and Lower Jurassic strata in Central Asia S Gas Field – F. Li - School of Geosciences and Technology, Southwest Petroleum University	16:50	Time-domain sparse de-blending of apparition sources using a fast Radon transform – D. Vargas - Shearwater Geoservices
17:10	PetroCloud Automation and its Integration with reservoir surveillance – F. Gurbanov - bp			17:10	Multistep Noisier2Noise Deblending with Reasonable Training Data Construction – S. Lin - Tongji University



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ROOM 16		ROOM 17	
Signal Processing - Enhancing Resolution		DS-01. Geosciences for Space Resources Exploration	
08:30	High-Fidelity and High-Resolution Seismic Exploration Technology for Deep Subtle Thin Reservoirs – H.H. Zeng - Research Institute of Petroleum Exploration & Development-Northwest (NWGI), PetroChina	08:30	Geophysics in the Solar system : what, where and why ? – B. Pagliocia - TotalEnergies
08:50	Enhancing Vintage Shallow-Marine Seismic Imaging through Full Geometry Reconstruction Interpolation: A Case Study – L.M. Palavicini Gurria - SLB	08:50	Distributed Acoustic Sensing for Lunar Seismic Exploration: Insights from Coupling Experiments in Regolith Simulant – J. Robertsson -
09:10	Taming Seismic Phase: From Statistical Characterization to Objective Phase Masking – A. Bakulin - Bureau of Economic Geology, Jackson School of Geosciences	09:10	A unique excellence centre with Commercialization Strategy Programmes dedicated to ISRU early-stage ventures – L. Cujko - ESRIC
09:30	Enhanced Seismic Spectral Decomposition Using GST-Based Modular High-Resolution Time-Frequency Representation – A. Pegah - Tongji university	09:30	Lunar Resource Prospecting: Geological De-Risking of a True Frontier – P. Driessen - Dhow Energy & Exploration
09:50	Coffee Break		
10:10	A fast inverse calculation method of the S-transform – X. Yang - BGP,CNPC	10:10	Integrating Geophysics into the Lunar Resources Reference Model (LRRM): Addressing the subsurface data gap – A. Calzada Diaz - Luxembourg Institute Of Science And Technology
10:30	Multisynchrosqueezing Three-Parameter W-Transform – C. Wang - China University Of Petroleum (east China)	10:30	A High-Precision MEMS Seismic Payload for Lunar Surface Missions: Development, Qualification, and Upcoming Flight – M. Beker - Innoseis Sensor Technologies
10:50	Joint Wavelet, Reflectivity, and Q Inversion via Soft-Unrolled Orthogonal Matching Pursuit – M. Ibrahimli - Karlsruhe Institute Of Technology	10:50	Applying Space-Grade Autonomous Seismic Technology to Terrestrial and Lunar Mining – O. Cornelius - IMENSUS GmbH
11:30	Break		
13:30	Poster session		
Signal Processing - Wavefield separation and Broadband Processing		DS-23. Critical Raw Materials from Deep Brines	
14:30	Microseismic P- and S-Wave Separation Based on Dynamic Time Warping Algorithm – K. Liu - China University of Petroleum (Beijing)	14:30	Economic Potential of Saline Geofluids – K. Nazarov - University Of Oxford
14:50	Velocity-based plane-wave destruction for VSP wavefield separation – D. Li - University of Science and Technology Beijing; Ministry of Natural Resources	14:50	Trace Elements – Challenges and Opportunities for Raw Material Extraction – V. Goldberg - BWG Geochemische Beratung GmbH
15:10	Simultaneous Dual-Ghosts and Source Side-Lobes Suppression via Sparse τ-p Inversion – T. Xie - Cosl	15:10	Altmark Deep-Brine Lithium Project: Geoscience Perspective on Early Development – C. Boermann - Neptune Energy GmbH & Co. KG
15:30	Intelligent Prior-Guided Neural Inversion Framework for Joint Doppler-Shift Correction and Deblending of Marine Vibrator Data – Y. Long - Jilin University	15:30	Inhouse Results and DLE Test Works in Evechem's Clenze Flagship Lithium License – A. Szabados - Evechem GmbH
15:50	Coffee Break		
DS-16. Turning risks into decisions			
16:10	Managing Machar – A. Murdoch - bp exploration Operating Co Ltd	16:10	Lithium-Rich Brines in Ukraine: Multi-Basin-Scale Screening to Pilot Phase – I. Karpenko -
16:30	Decision Quality in Practice: Building the Case for 4D at Seagull – C. Brad - bp Exploration Operating Co. Ltd	16:30	The Cooper Lithium Project - A New Type of Geothermal Lithium Resource with New Possibilities – G. Freer - Hydro Lit Pty Ltd
16:50	Integrated Approach to Field Compartmentalization and Infill Opportunity Identification in MJ Field, KG Basin, Offshore India – S. Chattopadhyay - bp	16:50	Western Canadian Case Study: Developing Brine-Hosted Lithium Through Subsurface Collaboration and Innovation – J. Kennedy - E3 Lithium
17:10	Integrating Multi-Scale Subsurface Data to Inform Geosteering Decisions: A Clair Ridge Case Study – R. Cuevas - ROGIL	17:10	Trace elements in geothermal fluids of Montserrat, Eastern Caribbean – M. Olguin Martinez - University of Oxford

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ROOM 18		ROOM 19	
DS-07. Integrated Geochemical and Petroleum Systems Analyses throughout the opportunity life cycle		Field Development and Production (Integrated Subsurface)	
08:30	Challenging Dogma – Are the UK Petroleum Systems Really Well Understood? – M. Sugden - Adura.com	08:30	Optimal drainage strategy for the undeveloped Mid Garn Reservoir of the Maria Field on the NCS – B. Koehrer - Harbour Energy Norge AS
08:50	Petroleum Systems Analysis – Bottom-up meets top-down – M. Neumaier - ArianeLogiX	08:50	Locating the remaining oil in the Buzzard field – R. Webber - CNOOC Petroleum Europe Ltd
09:10	Filling in the Gaps: Integrating Mud Gas Evaluation with Basin Modelling, Insights from a Regional Study – L. Jones - Applied Petroleum Technology	09:10	Reservoir Characterization and Pressure Depletion Regions of the Balakhany VI, Shah Deniz Field, Southern Caspian Basin – A. Nugraha - bp
09:30	Reservoir connectivity in the Seagull field assessed by geochemical fingerprinting – H. Volk - bp Exploration Operating Co. Ltd	09:30	From Periodic Studies to Continuous Decisions: A Closed-Loop Digital Twin for Brownfields – A. Diaz Cantero - Rock Flow Dynamics
09:50	Coffee Break		
10:10	Characterizing and Predicting the Adequacy of oil-prone Marine Source Rocks – R. Jonk - University Of Aberdeen	10:10	Acoustic and Ultrasonic Logging Responses to Dry and Wet Microannuli: Experiments and Theoretical Analysis – J. Pan - China University Of Petroleum (East China)
10:30	The Role of Expertise in a Time of AI: Workflows for regional studies – D. Cornford - IGI Ltd	10:30	Evaluation of Intelligent Well Completions with Integrated Asset Modelling – V. Volkov - Aker BP ASA; A. Zagainov - Rock Flow Dynamics
10:50	Closing the Exploration Gap: A workflow for translating probabilistic petroleum systems analysis from basin to prospect – E. Pettinotti - Beicip-Franlab		
11:10	Harvesting Value from Complexity: Lessons from Frontier Guyana Basin – L. Price - ExxonMobil Engineering and Technology Company		
11:30	Break		
13:30	Poster session		
DS-05. Fluid flow transport mechanisms applied to energy transition resources		Unconventional (Integrated Subsurface)	
14:30	Hydrochemical simulation of deep aquifer thermal energy storage: Long-term scaling effects and implications for reservoir performance – D. Misch - Montanuniversitaet Leoben	14:30	A Novel Method for Predicting Capillary Pressure Curves from NMR Echo Data – B. Jin - College of Geophysics, China University of Petroleum (Beijing)
14:55	Insights from Full-Physics Numerical Models on the Migration and Trapping of Geological Hydrogen in Sedimentary Basins – T. Cunha - Integrated Geochemistry Interpretation	14:50	Bias in borehole image fracture interpretation - comparing five independent interpretations of one image log – J. Hupkes - TU Delft
15:20	Improved simulation workflows for Carbon Capture and Storage long-term safety – L. Skerbisch - Technical University of Leoben	15:10	Integrating Mud-Gas $\delta^{13}\text{C}$ and δD Isotopes with Molecular Markers for Cost-Effective Reservoir Connectivity and Production Allocation – T. Garlich -
		15:30	A new petrophysics workflow for unconventional reservoir characterisation – M. Fawad - Norwegian Geotechnical Institute (NGI)
15:50	Coffee Break		
16:10	Reactive Flow Modeling Supporting the Energy Transition: Physics, Challenges, Solutions and Commercial Applications – A. Kleine - Terranta	16:10	Mechanisms of Deep Coalbed Methane Enrichment in the Eastern Ordos Basin: A Hydrocarbon Dynamic Field Analysis – L. Wang - China University Of Petroleum, Beijing
16:35	Regional and geological scale modelling of lithium enrichment of brines – A. Lemgruber Traby - IFP Energies nouvelles	16:30	Prediction Method of Coal Fracture Connectivity and Its Impact on Horizontal Well Productivity – F. Zhang - BGPCNPC



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POSTER AREA (HALL 2)

Poster session 1A Geophysics - Non-Seismic Acquisition & Processing

13:30	Tracking Steam Front Propagation Using Self-Potential Signals: Insights from Laboratory Experiments – T.M. Irnaka - Universitas Gadjah Mada
	Combining AI and EM: A Dual Approach for Dynamic Waterflood Monitoring and Geological Modelling – R. Jaizani - Saudi Aramco
	Field Deployment of a Differential Quantum Gravimeter: Instrument Status and Outdoor Testing within the FIQUgS project. – M. Capponi - Geomatics Research & Development srl
	Imaging of a fault zone using semi-airborne electromagnetics – S. Soudmand Niri - University of Birmingham

Poster session 1B Geophysics - Seismic Acquisition & Processing - 1

13:30	Quantitative Characterization of Drilling Rig-Induced Seismic Noise in Ultra-Large Land Seismic Spreads – L. Jiaotong - SINOPEC Geophysical Corporation
	Contribution of Spatial Sampling Density to Extending Seismic Imaging Bandwidth – L. Zhang - BGP/CNPC
	The Low Frequency Sweep Design – Z. Wei - INOVA Geophysical
	Comparative Analysis of Seismic Data Characteristics of Digital Nodes Using Piezoelectric and MEMS Sensors – L. Jiaotong - SINOPEC Geophysical Corporation
	Dip-guided Time-lapse FWI Imaging for CCS Monitoring – S. Luan - China University of Petroleum (East China)
	Time-Lapse Least-Squares Reverse Time Migration Using Impedance Parameterization and Dip Filtering Preconditioning – J. Wang - China University of Petroleum (East China)
	A Cylindrical-Cartesian Overset FDTD Scheme for Efficient Acoustic Borehole Modeling – Z. Zhang - School of Geosciences, China University of Petroleum (EastChina); Institute of Acoustics, Chinese Academy of Sciences
	Feasibility Study on Detection of Deep and Large-Scale Urban Sinkholes using DAS – H. Park - Seoul National University

Poster session 1C Geophysics - Seismic Processing - 1

13:30	High-resolution processing of seismic data based on semi-supervised SimAM-ConvGRU network – M. Han - CNOOC Ltd Tianjin Branch
	Shannon Entropy-Regularized High-Resolution Radon Transform in the Mixed Frequency-Time Domain for Multiple Attenuation – W. Geng - China University of Petroleum
	Adaptive mixed-domain noise attenuation via structure-noise coupling in legacy 2D seismic data – S. Yang - China ZhenHua Oil Co., Ltd.; Chengdu North Petroleum Exploration and Development Technology Co Ltd
	GABO-enhanced Interferometric Reconstruction: A Robust Operator for Marchenko Imaging Preparation – J. Zhang - Sinopec Geophysical Research Institute Co. Ltd.
	Dynamic Seismic Denoising Network with Semi-Supervised Training – H. Lin - College of Communication Engineering, Jilin University
	Auxiliary Attribute-Constrained RBF Interpolation Method For Parameter Modeling – Z. Nie - Tongji University

Poster session 1D Geophysics - Seismic Velocities & Imaging - 1

13:30	Optimal workflow for CO2 storage site characterization in onshore field with complex near-surface conditions – J. Yin - China University of Petroleum (East China)
	Waveform- and Traveltime-Consistent Data Reconstruction via LSRTM Operators – Z. Liang - Institute of Oceanographic Instrumentation, Qilu University of Technology (Shandong Academy of Sciences), China
	A κ-generalised Q-Least-Squares Reverse Time Migration with Deblurring Filters – M. Gadelha - Universidade Federal do Rio Grande do Norte
	Image-ray domain least-squares wave-equation time migration – F. Yan - China University Of Petroleum (east China)
	BEEMD-based Gradient Decomposition for Full Waveform Inversion – Y. Lu - China University Of Petroleum (East China)
	Diffusion priors enhanced velocity model building from time-lag images using a neural operator – X. Ma - KAUST
	Cross-Talk Mitigation in Time-Domain Elastic Full-Waveform Inversion via Augmented Lagrangian Optimization – A. Rahimi - RWTH Aachen University
	Multi-parameter FWI imaging: the first pilot application to 3D marine streamer survey offshore Japan – T. Ishiyama - Inpex Corporation
	Performance comparison of the Gauss-Newton and the adjoint method for 2D acoustic time-domain FWI – S.S. Ke&ler-Zhu -
	Application of FWI Imaging in Very Shallow-Water Areas: A Case Study from the Bohai Sea – M. Zhang - China University of Petroleum; China Oilfield Services Limited
	Viscoacoustic wave propagation in power law frequency-dependent Q elliptical VTI media – X. Liu - King Fahd University of Petroleum & Minerals
	Seismic attenuation compensation using image gathers: Effective Q estimation and inverse Q filtering – F. Yan - China University Of Petroleum (east China)

Did you know?

Aberdeen is home to the **world's second-largest granite building, Marischal College**. This striking Gothic Revival landmark helped earn the city its nickname, **the Granite City**. Once part of the **University of Aberdeen**, it is now home to **Aberdeen City Council**.



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Technical Programme

Tuesday 9 June | Poster presentations

Last updated 1 May 2026

POSTER AREA (HALL 2)

Poster session 1E Geophysics - Seismic Interpretation - 1

13:30	Seismic horizon extraction based on Hidden Markov Model – C. Wu - Shanghai Ocean University
	A Fluid Parameter Inversion Method for VTI Media Based on Independent Prior Information – Q. Wu - China University Of Petroleum
	Joint PP and PS Seismic Inversion for VTI Media Using Improved Strength Pareto Evolutionary Algorithm – J.W. Cheng - PetroChina Research Institute of Petroleum Exploration and Development
	SVD-Enhanced Facies-Constrained Seismic Inversion for Deep Fractured-Vuggy Carbonate Reservoirs – J. Chang - Sinopec Geophysical Research Institute Co.,Ltd
	Time-lapse time-shift assimilation resolves vertical ambiguities in 4D seismic inversion to water and gas saturation changes – G. Côte - Heriot-Watt University
	Rock-Physics Modeling of Seismic Velocity Changes Induced by Preformed Particle Gel Swelling – A. Paprouski - University of Pisa
	Experimental Study on Gas Hydrate Synthesis and Rock Physics Characteristics in Sediments of Different Grain Sizes – W. Si - SINOPEC Geophysical Research Institute Co., Ltd
	Refracted waves in orthorhombic media – A. Stovas - Norwegian University of Science & Technology
	Dual-azimuth seismic anisotropy fracture prediction in deepwater deep reservoirs of the South China Sea – X. Liu - CNOOC China Limited, Shenzhen Branch
	Depth-domain seismic wavelet extraction with phase effects from azimuthal seismic data – M. Dong - Tongji University
	Fluid Identification in Fractured Reservoirs via a Parameter-Dimensionality-Reduction Strategy – W. Gu - BGPCNPC
	A novel small-scale fault prediction method based on frequency-dependant coherence attribute – B. Zhu - Tongji University; Sinopec Geophysical Research Institute; SINOPEC Yanghua Wang Academician Workstation
	A Novel Time-Reassigned Modular Method for High-Resolution Spectral Analysis of Seismic Data – A. Pegah - Tongji university
	Characterising Structural Styles and Interactions within a Submarine Channel in a Deep-Water Fold and Thrust Belt – O.L. Taiwo - University of Aberdeen; Schlumberger Oilfield UK Limited
	Erosional Dynamics and Intrinsic mechanisms of Oblique Migrated Channels in a Tectonically control Setting – O.L. Taiwo - University of Aberdeen; Schlumberger Oilfield UK Limited
	A Seismic Facies Classification Algorithm Based on an Integrated Autoencoder-UMAP-Clustering Framework – Y. Nam - Kyungpook National University
	Seismic Impedance Inversion using Multiscale Dilated Convolution and Wavelet-Guided Attention Network – R. Pan - China University of Petroleum

Poster session 2. Geology - 1

13:30	Explainable AI for Carbonate Reservoirs: Maximising Recovery and CO2 Storage in the Kirkuk Field, Iraq – R. Mahmedsalih - KAR Oil And Gas Co.
	Beyond the Shelf: Why Deepwater Benin is the Next Big Play – F. Damoah Boateng - TGS
	Characterizing the Geologic Carbon Sequestration Potential of Produced Hydrocarbon Fields Using Heritage Core and Field Data – R. Jonk - ACT-Geo Consulting and Training Ltd; University Of Aberdeen
	Impact of Conductive Minerals on Electrical Tortuosity in Tight Sandstones using Digital Rocks – F. Dang - State Key Laboratory of Petroleum Resources and Prospecting; China University of Petroleum
	Sedimentary facies influence on diagenetic variability of reservoir properties in continental carbonates – T. Jamey - Earth Sciences Institute of Orléans - ISTO; French Geological Survey - BRGM
	Petroleum Potential of Block A, PhuKhanh Basin, Vietnam and a Preliminary Development Concept for Gas Discovery – H. Tuan - Vietnam National Industry - Energy Group (PETROVIETNAM)
	Controls of effective source rocks on hydrocarbon accumulation in continental basins – B. Zeng - Chengdu North Petroleum Exploration and Development Technology Company Limited; China Zhenhua Oil Company Limited
	Integrated Subsurface Assessment of Proven and Potential Seals in Permo-Carboniferous Al Khlata Glacial Reservoirs, South Oman – Y. Al Qasbi - Petroleum Development Oman
	Unlocking a Thin Patchy Carbonate Reservoir Through Seismic Facies Mapping (Lower Shuaiba, North Oman) – H. Kiyumi - Petroleum Development Oman
	Characterization of Multi-Stage Salt Diapirs in the UK Anglo-Dutch Basin and Implications for the Energy Mix – G. Gaitan - S&P Global
	Process-based Forward Stratigraphic Modelling for Geothermal Carbonate Reservoir Characterization and Exploration Optimization – S. Maerz - Fraunhofer IEG Fraunhofer IEG Research Institution for Energy Infrastructures and Geotechnologies
	Impacts of climate change on architecture and reservoir heterogeneity of the alluvial fan – Z. Peng - Chengdu North Petroleum Exploration & Development Technology Co., Ltd
	Tectonic Stratigraphy of the Neoproterozoic Tarim Craton: Implications for Craton Destruction and Breakup – Z. Yi - Chengdu North Petroleum Exploration And Development Technology Co., Ltd
	Lattice Boltzmann Simulation of Frequency-Dependent Complex Impedance from Maxwell-Wagner Polarization – H. Hu - China University of Petroleum
	Cretaceous Tectonic Evolution and Extensional-Compressional Stress Transition of Doseo Depression, South Chad Basin – Z. Guofeng
	Vision ColPali RAGS versus traditional RAGs applied on legacy geological documents – M. Sadah - Saudi Aramco
	Modelling and Prediction of Non-stationary Produced Water Geo-Chemical Signature through Application of Spatial-temporal Graph Neural Networks – A.K. Mohammad Fahimuddin - Saudi Arabian Oil Company (Saudi Aramco)
	From Traditional to AI-Driven: Best Practices for Strike-Slip Fault Detection in China's Tahe Oilfield – Y. Jiang - College of Geology and Mining Engineering, Xinjiang University; Sinopec Geophysical Research Institute Co., Ltd.



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Tuesday 9 June | Poster presentations

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POSTER AREA (HALL 2)

Poster session 3. Petroleum and Reservoir Engineering - 1

13:30	Integrated Reservoir Modelling and Multitank MBAL to Unlock Remaining Reserves in Lili-30 Offshore Northwest Java – I. Sanjaya - Pertamina Hulu Energi Offshore North West Java
	From Field Logs to Actionable Insights: A Multi-Agent LLM Approach for Factual Summarization of Drilling Operations – X. Chang - SLB
	Time-Lapse Gravity Integration with Reinforcement Learning for CO₂-Water-Alternating-Gas Optimization – E. Fosu-Duah - University Of Toronto
	Application of an Enhanced Simulation Opportunity Index for Efficient Well Placement in a Complex Carbonate Reservoir – A. KARAK - waha*
	History Matching and Fracture Model Calibration of Complex Mature Carbonate Reservoirs –Middle East Case Study – M. Kaldas - SLB
	Fracture Calibration Using Dynamic Fracture Indicators for Complex Mature Carbonate Reservoirs – Middle East Case Study – M. Kaldas - SLB
	On The Estimation of Fracture Growth During Polymer Flooding – A.Y. Al Ghafri - Petroleum Development Oman
	On The Concentration and Pressure Drop of Polymer Corefloods – A.Y. Al Ghafri - Petroleum Development Oman
	WAG Method for Enhanced Recovery in the Mishrif Reservoir, Southern Iraq – T. Al-Nasseri - Heriot Watt University
	A Deep-Learning-Assisted Homogenization Framework for Permeability Upscaling in Porous Media – X. Wei - Southwest Petroleum University

Poster session 4. Integrated Subsurface - 1

13:30	The NW Black Sea Inner Shelf Basement: Deciphering its Geological Structure & Evolution for Hydrocarbon Exploration – A. Kitchka - UkrNDIgaz Res. Inst.
	Ground Penetrating Radar Imaging of Near-surface Structures in Taiwan: implications for Geohazards – S. Chuang - National Cheng Kung University
	Maximizing Gas–Oil Gravity Drainage Recovery Through Integrated Analytical and Production Performance Diagnostics – Z. Al Shukaili - Petroleum Development Oman; Petroleum Development Oman
	A geological–engineering dual-sweet-spot modelling methodology for continental lacustrine shale-oil reservoirs – X. Shang - Petroleum Exploration And Production Research Institute, SINOPEC
	Comparative elastic wave attenuation during methane and helium coal injection: implications for gas discrimination – Z. Ma - Sinopec Key Laboratory Of Oil & Gas Reservoir Geophysics
	Research and Practice of Wellbore Stability Characterization in Weak Plane Development Formations of Southwest Tarim – W. Fan - Xinjiang Engineering Research Center for Ultra-Deep Complex Oil and Gas Reservoir Exploration and Development; PetroChina Tarim Oilfield Company; China University of Petroleum (East China); R&D Center for Ultra-Deep Complex Oil and Gas Reservoir Exploration and Development

Poster session 5. Energy Transition - 1

13:30	Comparing 4D Seismic Inversion Workflows for CO₂ Storage Monitoring at the Otway Project – A. Al-Dawood - Curtin University; Saudi Aramco
	Integrating Geological Uncertainty and Multi-Criteria Decision Analysis: A Framework for Carbonate CCS Sites Evaluation & Ranking – H. Aldaif - Saudi Aramco
	A Dual-Branch Network with Petrophysical Constraints for CO₂ Saturation Estimation – Y. Dong - China University of Petroleum (East China)
	Adaptive survey design applied to VSP data for CCS monitoring – D. Halliday - SLB
	Influence of Different Cushion Gases on Hydrogen Storage Performance in a Depleted Gas Reservoir: Study Analysis – D. Mendonça - Federal University of Ceará
	Calculation Method of Gas-bearing Porosity in Logging-While-Drilling Pulsed Neutron Porosity Logging – X. Li - china university of petroleum
	Numerical Modeling of Physical Properties Evolution During Hydrogen-Producing Peridotite Serpentinization – Y. Fu - Tongji University
	AI-based Surrogate Model: Efficient Forecasting of Shallow Geothermal Wells Usage in Energy Management Systems – A. Jan - SLB
	Integrated Renewable and Geothermal Energy Assessment for Syria – E. Haddad - Miskolc Univeristy
	Geothermal exploration in the Arabian Shield: Quantifying heat source and pathways using magnetic data – K. Chavanidis - King Fahd University of Petroleum & Minerals

Did you know?

The **Cairngorms National Park**, within easy reach of Aberdeen, is the **largest national park in the UK**. At **4,528 square kilometres**, it is **almost twice the size of the Lake District**, making it one of Britain's most spectacular landscapes for walking, cycling and wildlife.



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Technical Programme

Wednesday 10 June | Oral presentations

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ROOM 1 		ROOM 2 		ROOM 3 	
Imaging Theory & Wavefield Modelling-3		Full Waveform Inversion - Velocities-3		ML & AI for seismic imaging & velocity modeling - part 3	
08:30	EigenRays in 3D Heterogeneous Anisotropic Media – Z. Koren - Emerson	08:30	Multiparameter multicomponent elastic FWI: Which workflow? – S. Operto - University Côte d'Azur, CNRS, Géoazur	08:30	Velocity model building with neural operators using the time-shift imaging condition – X. Ma - KAUST
08:50	Improving accuracy of VTI eikonal solution via multiplicative factorization and six-tetrahedron pyramidal stencil – Y. Lu - Shenzhen MSU-BIT University	08:50	Accurate Structural Imaging with Elastic FWI and Multi-Parameter Inversion for Seismic Attribute Estimation – Ø. Korsmo - TGS	08:50	Multiscale Time-Space Separable FPINNs for High-Frequency Seismic Wave Simulation in the Time Domain – Y. Ma - School of Geosciences, China University of Petroleum (East China)
09:10	Transmission and reflection joint double-difference traveltimes tomography based on the adjoint-state method – B. Du - China University Of Petroleum (Beijing)	09:10	A Physics-Aware Data-Space Preconditioned Misfit for Full Waveform Inversion – I.E. Yildirim - Turkish Petroleum Offshore Technology Center (TP-OTC)	09:10	Accelerating wave simulations with neural dispersion correctors – F. Rincón - Università Di Pisa
09:30	Scalable Bayesian Uncertainty Quantification in Tomography Using Randomize-Then-Optimize Approach – V. Akcelik - Shearwater GeoServices Group	09:30	Pretraining for Faster Implicit FullWaveform Inversion under Multiresolution Hash Encoding – S. Wang - King Abdullah University of Science and Technology	09:30	Dispersion-Relation Guided Wavelet U-Net for High-Fidelity Seismic Wavefield Reconstruction – B. Wang - China University of Petroleum (Beijing)
09:50 Coffee Break					
Advances in Gravity Inversion and Interpretation					
10:10	Integrated lineament mapping of the Assam-Arakan fold-thrust belt using fast-sigmoid edge detection filter with gravity-magnetic data – G.K. Ghosh	10:10	P-S Wave Separation-Based Full Waveform Inversion for Viscoelastic Media – D. Wang - Research Institute of Petroleum Exploration and Development PetroChina	10:10	Shallow seismic surface-wave waveform inversion with U-net and a hybrid loss function Introduction – Z. Wang - Wuhan University
10:30	Quantum Neural Networks a new approach to Interpret Microgravity Data to Detect Subsurface Cavities – P. Styles - Keele University	10:30	Scalable frequency-domain FWI with hybrid direct/iterative solver and domain decomposition – C. Pedebidou - University Côte d'Azur, CNRS, Geoazur	10:30	Image-to-Image Reformulation of MASW Inversion Using Transfer Learning and Diffusion Models – S. Cho - Inha University
10:50	Real-time Gravity and Gravity Gradient Inversion with Adaptive Survey Design Using Genetic Algorithm – S. Soudmand Niri - University of Birmingham	10:50	Reflection Waveform Inversion Based on the Fractional Laplacian Constant-Q Wave Equation – D. Wang - CNPC Northwest Petroleum Exploration Branch	10:50	Depth-progressive 3D seismic velocity model building via 2D generative diffusion models – S. Cheng - KAUST
11:10	Stochastic Gravity Geometric Inversion Constrained by Multi-Source Geological Knowledge – Z. Guo - Central South University	11:10	Pseudo-3D Time-Lapse FWI for plume monitoring via coupled 2D VSP inversions – A. Ziegler - University Of Calgary	11:10	Direct time-lapse velocity change estimation using a guided diffusion model – M.I. Khatami - King Abdullah University of Science and Technology
11:30 Break					
13:30 Poster session					
EM Inversion, GPR, and Remote Sensing		Seismic Attributes		ML & AI for Seismic Imaging & Velocities-4	
14:30	Satellite Remote Sensing of Atmospheric Methane Using TROPOMI/Sentinel-5P: Spatiotemporal trends and climatic drivers – M.M. Rahman - King Fahd University of Petroleum & Minerals	14:30	Integrated seismic facies analysis based on geological seismic attributes conditioning and its application in Middle East – C. Xin - BGP, CNPC	14:30	Learning Scattered Wavefields with Green-Integral Physics-Informed Neural Networks – M.M. Abedi - University of the Basque Country
14:50	Deep-Penetrating UAV-GPR Imaging for Inapparent Landslide Investigation in Rugged Terrain – W. Wang - Chongqing University	14:50	An Automatic Division Method for Multi-scale Sedimentary Cycle Units Based on Seismic Attributes – Y. Tian - Xi'an Jiaotong University; Sichuan Digital Economy Industry Development Research Institute	14:50	Accelerating the Marchenko Method via Optimization-Based Deep Learning with Applications to Field Data – N. Wang - King Abdullah University Of Science And Technology
15:10	Differential and attribute-based GPR analysis for quantifying sleepers and reinforcement responses in realistic railway ballast layer – S. Harajchi - Delft University of Technology	15:10	Anisotropy-inversion-guided multi-azimuth multiple seismic attributes fusion for multi-scale fault detection in tilted transversely isotropic media – G. Song - China University of Petroleum (East China)	15:10	Elastic Full Waveform Inversion of Multicomponent Seismic Data Using Siamese Neural Networks – U. Berman - KAUST
15:30	Marine CSEM modelling using frequency-domain finite difference method with air-water boundary condition – A. Ping - Hong Kong University of Science and Technology	15:30	Grid-scale insights differential sensitivity of chaos and curvedness in tight sandstones – J. Liu - Sinopec Geophysical Research Institute Co., Ltd.	15:30	Acoustic FWI using Implicit Neural Representation: Application to Field Data – F. Macelloni - University Of Pisa
15:50 Coffee Break					
				Distributed Acoustic Sensing-3	
16:10	Time-Domain Inversion of One-Dimensional Magnetotelluric Data – Y. Kan - University Of Edinburgh	16:10	Adopting DINOv2 Model for Rapid Seismic Geo-feature Screening and Detection – H. Di - SLB	16:10	Detecting and Distinguishing Acoustic Signals in Offshore Distributed Acoustic Sensing Data – N. Boitz - Freie Universitaet Berlin
16:30	Rigorously quantifying observational uncertainty is essential for accelerating and automating geophysical inversions for subsurface mineral exploration – T. Hudson - ETH Zurich; Fleet Space Technologies Ltd	16:30	Improved seismic reservoir characterization with frequency-dependent attributes – V. De Tomasi - Eni S.p.a.	16:30	Exploring the seabed DAS seismic butterfly effect: insights and implications – A. Calvert - TotalEnergies One tech
16:50	ADERT: Automatic differentiation-based electrical resistivity tomography inversion – F. Rincón - Università Di Pisa	16:50	Strike-Slip Fault Detection Based on Decomposition of Spatial Directional Information of Seismic Data – K. Li - SINOPEC Geophysical Research Institute Co.,Ltd.	16:50	Double difference tomography for DAS geometry correction and near surface velocity estimation – S. Crawley - SLB
17:10	Uncertainty Quantification in ERT Data Inversion – Z. Tafaghod Khabaz - University Of Tehran	17:10	Phase-Decomposition Enhanced Distance and Quadrant Trace Attribute Prediction – J. Gao - Research Institute Of Petroleum Exploration And Development-northwest	17:10	Modelling and Inversion of DAS data using the Spectral Element Method – F. Perrone - Shearwater Geoservices Nederland B.V.



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Wednesday 10 June | Oral presentations

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ROOM 4 		ROOM 5 		ROOM 6 	
ML & AI for Seismic Processing II (signal processing-1)		CCS: Site Operations & Monitoring-1		Acquisition Geometries & Hardware-1-Seabed seismic	
08:30	Physics-informed neural network for joint inversion of gravity, magnetism, electricity, and seismic data – Z. Yao - Tsinghua University	08:30	Findings from feasibility studies of time-lapse gravity monitoring of CO2 storage in saline aquifers – Y. Kozlov - SLB	08:30	BEST OF IMAGE: Breaking the Subsalt Image Resolution Barrier: Insights from an Ultra-High Density Deepwater Ocean Bottom Nodes Experiment in Thunder Horse, GoA – G. Xia - bp
08:50	3D spatio-temporal demultiple with convolutional neural networks – M. Fernandez - Fraunhofer ITWM	08:50	Monitoring Hydrocarbon Production and Carbon Storage Projects Using Time-Lapse Gravity and Seafloor Deformation – S.Y. Toh - Reach Subsea	08:50	Dense sources vs. receivers for high-resolution subsalt imaging: modelling analysis and the Atlantis boxwave OBN experiment – G. Xia - bp
09:10	A Hybrid Fourier–Hash Encoded Implicit Neural Representations for Seismic Data – O. M. Saad - King Abdullah University of Science and Technology	09:10	Gas Producers to CO2 Injectors – Well and Caprock Integrity: A Porthos Case Study, The Netherlands – S. Ganguly - EBN B.V.; PORTHOS	09:10	Paleogene GGG 3D OBN - designing and executing a 3D OBN survey for FWI and illumination – J. Naranjo - bp
09:30	Physics-guided multi-wavelet dataset generation for deep-learning-based seismic resolution enhancement – W. Liu - Research Institute of Petroleum Exploration & Development-Northwest (NWGI), Petrochina	09:30	Environmental and Passive Seismic Monitoring for the Endurance CO2 Store – S. Auld - Sonardyne	09:30	Large Scale Application of Ultra High Density OBS in the Arabian Gulf – A. Mathieson - Aramco
09:50 Coffee Break					
10:10	Self-Supervised Seismic Random Noise Attenuation via Non-Local Self-Similarity and Deep Optical Flow Estimation – Z. Yao - Tsinghua University	10:10	Site-Specific Seabed Insights at Endurance: Implications for Carbon Storage Monitoring Technologies – L. Smith - bp	10:10	Recent Advances in Caspian Seismic Acquisition and Implications – C. Cooper - bp Exploration
10:30	In-Context Learning for Multiple Attenuation – F. Fuchs - University of Mannheim DWS; Fraunhofer ITWM	10:30	Quantitative Monitoring Design for Demonstrating Containment at the CITru Injection Pilot – E. Pezzulli - Storra Dynamics GmbH	10:30	Timing robustness and predictability of dual-clock architecture for long-duration Ocean BottomNode acquisition – B. Le Foulgoc - Sercel
10:50	Adaptive Residual Multiple Attenuation via Deep Quality Assessment Heatmap Prior – Z. Yao - Tsinghua University	10:50	A Sustainability Assessment Framework for Carbon Capture and Storage: Application to the Sleipner CCS Project – A. Abou Chacra - American University Of Beirut	10:50	The value of an Ultra Long Dive Time Ocean Bottom Node – T. Bunting - PXGEO
11:10	Parameter-Efficient Adaptation of Vision Foundation Models for Seismic and DAS-VSP Data Denoising – J. Zhao - The Cyprus Institute	11:10	Combined Strategies for Monitoring CO2 Geologic Storage in Basaltic Reservoirs: The Paraná Basin Case Study, Brazil – F. Lobato Guimarães - USP	11:10	The effect of the reflection of the seabed on source signature recorded by ocean bottom nodes – S. Ronen - Sercel
11:30 Break					
13:30 Poster session					
ML & AI for Seismic Processing IV (signal processing-2)		CCS: Site Operations & Monitoring-2		Acquisition Geometries & Hardware-2-Marine seismic and CCS	
14:30	Cross-Domain Deep Learning for Interpolation of Sparse OBN Data: A Gorgon Field Case Study – N. Amiri - Shearwater Geoservices Ltd	14:30	Optimization of ultra sparse acquisition and advanced 4D imaging for monitoring of the Sleipner CO2 Plume – F. Oggioni - Viridien	14:30	The effects of marine currents on seismic data – G. Hampson - DUG Technology
14:50	Physics-Informed Unsupervised Deconvolution for High-Fidelity Hardrock Seismic Imaging – L. Yang - Uppsala University	14:50	History Matching the Stage 3 Otway CCS project from seismic data – J. Gunning - CSIRO Energy	14:50	Source motion correction of marine vibrator in 3D for complex sailing path – A. JafarGandomi - Shearwater GeoServices
15:10	Surface Wave Suppression Method Based on Physics-Constrained Unsupervised Learning – Y. Tao - Zhejiang University; Sinopec geophysical research institute co., Ltd.	15:10	A physics-guided neural network-based inversion framework for monitoring of CO2 storage via angle-dependent seismic images – J. Sun - Delft University of Technology	15:10	Pre-deployment Assessment of a Marine Vibrator Field Trial – B. Bahia - bp
15:30	Stochastic inversion of seismic reflection coefficients using score-based diffusion priors – C. Meng - Xi'an Jiaotong University; The National Engineering Research Center for Offshore Oil and Gas Exploration	15:30	Enhancing Subsurface Reservoir Monitoring with Seismic Attenuation Difference Estimation Method – H. Li - CNOOC International Ltd.	15:30	Small Spaces, Big Insights: Imaging Shallow Gas Storage Targets with Ultra-High-Density 3D Seismic – A. Bakulin - Bureau of Economic Geology, Jackson School of Geosciences, The University of Texas at Austin
15:50 Coffee Break					
16:10	Microseismic Event Detection in Continuous Borehole DAS Data using AI-generated datasets – W. Tegtow - Freie Universität Berlin	16:10	Focused seismic enabling pressure front monitoring in CO2 storage within a depleted gas reservoir – N. Mikhael - Spotlight	16:10	Innovation beyond wide azimuth and broadband seismic acquisition – A. Al-raqmi - Petroleum Development Oman
16:30	Time-Lapse Machine Learning Seismic Inversion with Elastic Data – G. Corso - Universidade Federal Do Rio Grande Do Norte	16:30	Testing surface distributed acoustic sensing in Denmark: Experimental overview and initial results – S. Torset - Equinor	16:30	A comparison of extended frequency and conventional sources from offshore Angola – S. Baldock - TGS
16:50	ML Deghosting applied to multi-vintage datasets from the KG Basin, India - A Case Study – R. Yates - TGS	16:50	Cerberus – An intelligent and automated monitoring tool to guard geological CO2 storage sites – B. Hosseinzadeh - Technical University Of Denmark	16:50	3D Transition Zone acquisition design and planning for geological storage of CO2 - Kalundborg area – C. Rudling - Tetra Tech RPS Energy
17:10	Physics-guided SNR-aware Diffusion for Seismic Noise Attenuation – S. Gu - China University of Petroleum, Beijing; Kunlun Digital Technology Co., Ltd.			17:10	Advancing 3DHD wide-tow multi-source streamer acquisition at Endurance CCS: pushing 3D efficiency whilst maintaining data quality – J. Northall - bp



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Technical Programme

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ROOM 7 		ROOM 8 		ROOM 9 	
Borehole Seismic Methods		ML & AI for Seismic Characterisation: Properties I		Flow Simulation for O&G & CCS-2	
08:30	Prediction of Hard Stringers While Drilling Using Drill-Bit Noise and Real-Time Drilling Data – A. Pavlov - Norwegian University Of Science And Technology	08:30	Seismic Waveform Guided Intelligent Elastic Parameter Inversion Method Based on Non-Parametric Analysis and Information-Theoretic Constraints – T. Chen	08:30	Assessing CO2 Injection-Induced Geohazards in Naturally Fractured Carbonate Reservoirs Using Analogue-Constrained Coupled Stress-Flow Modelling – P.H. Silvano Sales - Oxford University
08:50	Optimized Crosshole Seismics for Rapid Imaging of Ore-controlling Structures in Hard-Rock Deposits – C. Cosma - Vibrometric	08:50	Physics-constrained Deep Learning for Pre-stack Seismic Inversion: Application to Tight Sandstone Reservoirs in China's Sichuan Basin – Q. Ge - PetroChina Research Institute of Petroleum Exploration and Development (RIPED)	08:50	Well Integrity and Injectivity During CO2 Injection: Impact of THMC Coupled Processes – V. De Gennaro - SLB
09:10	Reliable Cement Bonding Assessment Using Multi-Frequency Guided Wave Processing in Multi-Pipe Systems – R. Wang - Halliburton	09:10	Physics-Constrained Deep Neural Network-Based AVO Inversion without Prior Knowledge – S. Ishinabe - INPEX	09:10	Crossflow dynamics of Spontaneous Imbibition in Dual Layered porous media – J. Phirani - Baker Hughes
09:30	Advanced processing of resonance acoustic waves with enhanced sensitivity for through-tubing cement evaluation – R. Wang - Halliburton	09:30	Interpretable Rock Elastic Modulus Prediction from Vision Foundation Model-Encoded Microstructural Representations – Z. Wang - China University of Petroleum (East China)	09:30	CO2 storage in shale reservoirs: Impact from adsorption induced swelling – Z. PAN - Northeast Petroleum University
09:50 Coffee Break					
				History Matching & 4D seismic	
10:10	The radiation pattern of PDC bits from full-waveform moment tensor inversion – J.B. Bell - Equinor	10:10	Physics-guided multi-task learning for simultaneous IP-IS inversion with domain adaptation – J. Yoo - SK earthon; Hanyang university	10:10	Workflows benchmarking for ranking of multi-realization models from seismic 4D matching – F. Commenge - TotalEnergies Upstream Danmark A/S
10:30	Revitalizing legacy VSP data using elastic FWI at Mad Dog field, Gulf of America – T. Yang - bp	10:30	Full Elastic Wave Equation and Rock Physics Guided Machine Learning for Reservoir Property Prediction – K. Siraev - GeoSoftware	10:30	Reservoir thermodynamic and geometry impacts on CO2 storage history matching. – D. Rappin - TotalEnergies
10:50	Offset VSP with a sparker source and distributed acoustic sensors: CO2CRC Otway case study – K. Tertyshnikov - Curtin University	10:50	A Universal Diffusion Regularizer for Seismic Impedance Inversion – L. Han - University of Science and Technology of China	10:50	Evaluation of reservoir connectivity using 4D seismic and reservoir modelling in the Lower Congo Basin – J. De la Torre Guzman - TotalEnergies
11:10	Reflectivity of lower continental crustal rocks observed in ICDP-DIVE borehole 5071_1_A from zero-offset VSP data – A. Greenwood - Technical University of Leoben				
11:30 Break					
13:30 Poster session					
Diffraction & Multiple Imaging		Near-surface characterisation and compensation		Production Optimisation & EOR	
14:30	Diffraction Imaging over the Mogilno Salt Dome Structure, Central Poland – T.J. Moser - Moser Geophysical Services	14:30	A Physics-Data Driven Dual-Attention Transformer for Seismic Resolution Enhancement – W. Ge - China University Of Petroleum (east China)	14:30	Adsorption Mechanisms of Hydrophobically Modified Chitosan Polymers for Enhanced Oil Recovery: Experimental and Molecular Simulation Study – A. Scerbacova - King Fahd University Of Petroleum And Minerals
14:50	A Novel 3D Feature Space for High-Fidelity Pre-stack Diffraction Separation and RTM Imaging – D.Y. Wang - China University of Petroleum (East China); Research Institute of Petroleum Exploration and Development-Northwest (NWGI), PetroChina	14:50	Towards a Better Understanding of the Shingling Phenomenon: Cause and Implications on the Seismic Refraction Methods – S.M. Zainalain - Saudi Aramco	14:50	Optimizing Production and EOR Performance in Tight Conglomerates via Energized Pre-Fracturing: Experimental and CT Evidence – H. Qu - China University Of Petroleum (Beijing)
15:10	Diffraction imaging using Full-Azimuth Dip-Angle Gathers (FADAGs) extracted from RTM – D.Y. Wang - China University of Petroleum (East China); Research Institute of Petroleum Exploration and Development-Northwest (NWGI), PetroChina	15:10	Slant Time-Reassigned Multisynchrosqueezing Transform for Surface-wave Group Velocity Dispersion Imaging – H. Huang - China University of Petroleum (East China)	15:10	Pore-Scale Study of Gravity Segregation Effects on Enhanced Oil Recovery Mechanisms in CO2/N2 Composite Gas Flooding – Z. Zhao
15:30	Fracture Identification Based on Seismic Diffraction Attributes – H. Lu - Southwest Petroleum University	15:30	A simultaneous inversion method for P- and S-wave velocities of near-surface based on dispersion spectrum – K. Song	15:30	Numerical Modelling of Condensate Recovery Dynamics during Gas Injection: A Dual-Porosity-Dual-Permeability Compositional Approach – D. Dorhjie
15:50 Coffee Break					
16:10	Diffraction imaging of a fault system at the potential geological carbon storage site in Thorning, Denmark – T.J. Moser - Moser Geophysical Services	16:10	A customised FWI workflow to solve the challenges of a highly irregular 3D Land acquisition dataset – M. Grimshaw	16:10	Effects of Injection Sequence on Micro-Scale Recovery Mechanisms of CO2-Water Slug Huff-n-Puff in Shale: Microfluidic Study – D. Zhang - China University of Petroleum (East China)
16:30	Seismic Diffraction Separation and Imaging in Dip-Angle Domain with Generative Diffusion Model – H. Tang - China University Of Petroleum (east China)	16:30	A Q-Compensation Method for Low Signal-to-Noise Ratio Seismic Data – J. Li - China University of Petroleum (East China)	16:30	Scale Management for Mature Fields: Impacts of Polymer Enhanced Oil Recovery on BariumSulphate Risk – A. Beteta - Heriot-Watt University
16:50	Efficient Seismic Diffraction Separation Using a Diffusion Prior Regularized U-Net – P. Xue - School of Geosciences, China University of Petroleum (East China)	16:50	Cascade Tomography Applied to Karsting in the Permian Basin – C. Diggins - DigginsGeo	16:50	Dynamic and Kinetic Return Behaviour of Phosphonate Scale-Inhibitor Precipitates under Pack Flood Conditions – M. Igder - Heriot-watt University
17:10	Non-stationary Dip-constrained Adaptive Local SVD for Pre-stack Diffraction Separation and Imaging – T. Wu - Exploration and Development Research Institute, Tarim Oilfield Company, PetroChina	17:10	Near-surface Q-factor Compensation for Seismic Data: A Case Study of Western Desert Areas in China – Y. Wang - Petrochina	17:10	Coupled Reactive-Transport Simulation of CO2 Trapping in a Carbonate Saline Aquifer – A. Kazemi - Sultan Qaboos University



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Wednesday 10 June | Oral presentations

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ROOM 10 		ROOM 11 		ROOM 12 	
Petroleum Systems-1		Gas, Hydrogen and Underground Energy Storage-1		AI and ML in facies and lithofacies evaluation	
08:30	Identification of Critical Conditions and Evaluation of Controlling Factors for Deep Coalbed Methane of Different Phases – T. Pu - China University Of Petroleum, Beijing	08:30	Microbial contributions to soil gas: Implications for natural hydrogen exploration and underground storage monitoring – A. Pengg - Montanuniversitaet Leoben	08:30	FaciesKAN: Two-stage Attention Kolmogorov-Arnold Network for Probabilistic Lithofacies Prediction from Well Logs – A. Koesheidayatullah - KFUPM
08:50	Hydrocarbon Habitat of the Sirte Basin – Unlocking Exploration Opportunities – J. Smith - Halliburton	08:50	Mineral-Microbe Interactions on Basalt Surfaces: Implications for Underground Hydrogen Storage – B. Karipayhan - University of Edinburgh	08:50	Optimized Feature Selection and AutoML for Lithofacies Classification in Sandstone Reservoirs – O. Khalaf - Anton Oilfield Services Group
09:10	Source Rock Sweet Spot Hunting using New 3D Seismic Data in the Orange and Pelotas Basins – K. Rodriguez - Searcher	09:10	Micromodel experiments and numerical modelling of microbial methanogenesis during subsurface hydrogen storage – C.T. Lüddecke - Clausthal University Of Technology	09:10	Enhancing Lithofacies Classification with Machine Learning and Savitzky-Golay Derivative Features – V. Azimov - bp
		09:30	A Review of Hydrogen-Cement Interactions for Underground Hydrogen Storage – H. Wang - University of Aberdeen	09:30	Layer-Wise 3D Facies Modeling with Conditional GANs: Honoring Well Constraints and Vertical Continuity – G. Cao - School of Geosciences and Technology, Southwest Petroleum University
09:50 Coffee Break					
10:10	BEST OF IMAGE: Controls and predictions of oil accumulations and column heights in gas dominated petroleum systems – M. Neumaier - ArianeLogix	10:10	Saline Aquifers as Hydrogen Storage Solutions: The Role of Aquifer Strength and Cushion Gas Selection – S. Roy - Technical University of Darmstadt	10:10	Research on Deep Thin Tight Sandstone Reservoir Prediction Based on Deep Learning – M. Sui - Sinopec Shengli Oil Field Company
10:30	Frontier exploration of Cretaceous reservoirs in the Møre Basin, Norway - M. Bauck - Viridien	10:30	Optimizing Cushion Gas Composition for Underground Hydrogen Storage: Trade-offs between Recovery Efficiency and Caprock Integrity – H. Du - College of Safety and Ocean Engineering, China University of Petroleum-Beijing	10:30	Rock Thin Section Classification Using PPL and XPL Imaging: Performance Trade-offs in Resource-Limited Settings – A. Tatar - Adelaide University
10:50	2D Basin Modeling of the Sureste Basin: Implications for Hydrocarbon Generation and Migration – M. Benitez - Harbour Energy	10:50	Upscaling from core experiments to outcrop projections for Underground Hydrogen Storage – D. Smith - British Geological Survey, Heriot-Watt University	10:50	Autonomous, Multifidelity Workflow for Robust Uncertainty Quantification and Asset Analysis: Case Study in Brazilian Pre-Salt Carbonates – M. Ducros - Cognitus
		11:10	Theoretical Assessment of Fines Migration Risk in Gas Storage Wells – M. Altammar - Saudi Aramco	11:10	A Feature-Driven Approach for Low-velocity Mudstone Identification Using Logs and Prestack Seismic Data – M. Ren - Southwest Petroleum University
11:30 Break					
13:30 Poster session					
Petroleum Systems-2		Gas, Hydrogen and Underground Energy Storage-2		AI and ML from outcrop to borehole	
14:30	De-risking Walvis and Lüderitz deepwater play equivalents using seismic interpretation and petroleum systems modelling. – K. Kornpilh - SLB	14:30	Characterising Zechstein salt caverns for Hydrogen Storage in the Central North Sea, UK – C. Botter - University of Leeds	14:30	Machine Learning-Based Mineralogy Prediction from Cutting Images and X-Ray Fluorescence – Y. Nuwara - Aker BP ASA
14:50	Sandstones and Carbonates Reservoir Quality of Langkasuka Basin, West Peninsular Malaysia: Implications for Hydrocarbon Potential. – Z. Abdul Rahman - Malaysian Petroleum Management, PETRONAS	14:50	An integrated geophysical approach to delineating and volume prediction for complex vintage salt caverns – L. Zhang - Bgp.cnpc	14:50	Synthetic Well Logs from Virtual Outcrop: A Database-Driven Approach Applied to the Ravenscar Section, Yorkshire, UK – G. Bello - University Of Aberdeen
15:10	Microscopic Differences Between the Transition and Pure Oil Zones of Sartu Formation in Nanqi Songliao – Y. Huang - China University Of Petroleum (east China)	15:10	Turbulence modeling for initial fill-up of a natural gas salt cavern with hydrogen – Y. Le Gallo - Geostock	15:10	Using Generative AI to Model Complex Reservoirs Conditioned to Subsurface Data – E. Kozlowski - Halliburton
15:30	Compaction controls on Seal Effectiveness: Insights from inverse analysis of select oil and gas fields – J. Iliffe - Aberdeen University	15:30	Impact of heterogeneities on salt cavern stability during H2 storage operation: insights from 2D viscoelastic modelling – D. Blacone - Universitetet I Stavanger	15:30	A Method for Predicting Formation Water Salinity Using XGBoost Algorithm Based on Neutron Logging Data – H. Zhao - China University Of Petroleum (east China)
15:50 Coffee Break					
16:10	Reconstructing Paleo-Structure to Resolve Tilted Contacts in Stratigraphically Trapped Clastic Reservoirs – B. Hamood - Petroleum Development Oman	16:10	The Evaluation Method of Natural Hydrogen Based on Pulsed Neutron Logging Technology – K. Rong - China University Of Petroleum (East China)	16:10	Foundation Model for Well Logs: Learning to Generalize Beyond Seen Wells – N. Alhijri - Saudi Aramco
16:30	Chinguetti Field Failure versus the Banda, TEVET, and TIOF Fields: Reservoir Evaluation and Economic Performance. – B. Dahmane - Boumerdes University	16:30	Numerical Simulations of Stimulated Geologic Hydrogen Recovery in Ultramafic Formations – A. Indro - Heriot-watt University	16:30	Core Permeability Prediction Using Geological Features and Machine Learning in Pre-Salt Carbonates – V. Souza - Petrobras
16:50	Unravelling Faults as Hydrocarbon Pathways in the Offshore Indus Basin, Pakistan via 3-D Petroleum System Modelling – A. Hussain - MariEnergies	16:30	A seismic-based prediction technology for helium-rich gas reservoirs and its application – S. Chen - Research Institute Of Petroleum Exploration And Development, Petrochina	16:50	ENHANCED FOUNDATION MODEL-BASED INTERACTIVE SEGMENTATION FOR BOREHOLE IMAGE DATA – I. Baho - SLB
17:10	Natural CO2 associated with hydrocarbon reservoirs of the Central Pannonian Basin (Hungary): origin and geographic distribution – G. Mallarino - MOL Group	17:10	Natural Molecular Hydrogen Seepage associated with Fairy circles in the Tacutu Basin. – M. Nunes - Eneva		



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ROOM 13 		ROOM 14 		ROOM 15 	
Seismic Interpretation - Monitoring-1		Seismic Characterization through Advanced Modelling and Data Integration		Imaging Case Studies-1	
08:30	4D Seismic Insights into Sand Injectites, a Machine Learning Approach – S. Rezaei - Heriot Watt University, UK	08:30	The AI fault-karst cavity prediction and its application in the Tarim Basin – X. Zhang - CNPC Engineering Technology R & D Co., Ltd	08:30	OBN decimation design to reduce costs in an exploration context – Real case Offshore Angola – L. PERINO - Totalenergies
08:50	Exploring 4D Seismic AVO on the Ekofisk Field – M. Tomasgaard - ConocoPhillips	08:50	Simultaneous Inversion of Lithofacies and Impedance Based on Structure-oriented Anisotropic MRF – H. Men - China University of Petroleum (Beijing)	08:50	Advanced Q-KPSDM Reprocessing in the Romanian Black Sea: Imaging Uplift Beneath the Danube Channel – R. Collings - TGS
09:10	An Integrated 4D Seismic and Dynamic Data Approach to Reservoir Management in the ACG Field – T. Ibrahimzade - bp Exploration (Caspian Sea) Ltd.	09:10	Research on Non-stationary Modelling Method Based on Spatially Varying Convolution – J. Sun - China University Of Petroleum (East China)	09:10	Progress in Depth Domain Imaging of the KD Area in the Piedmont Zone of Southwest Tarim – J. Wang - Research Institute of Petroleum Exploration & Development-Northwest, Petrochina
09:30	Tupi Triple 4D: Assessing Value of 4D On-Demand in WAG Operations in Brazilian Pre-Salt – M. Maleki - Universidade Estadual de Campinas (UNICAMP)_Centro de Estudos de Energia e Petróleo (CEPETRO)	09:30	Integration of seismic attributes and stratigraphic-sedimentological processes aiming to model carbonate build-ups – P. Gomes de Carvalho - Petrobras	09:30	Application of Full-Azimuth Gaussian Beam in Piedmont Exploration Areas – N. Qin - Shengli Geophysical Research Institute of Sinopec
09:50	Coffee Break				
10:10	A Critical Review of the 4D FWI Data at the Catcher Fields – P. Mitchell - Heriot-Watt University	10:10	Connectivity characterization of carbonate fracture-cavity reservoirs using deep learning and multi-attribute fusion – J. Zhao - Sinopec Geophysical Research Institute; Tongji University	10:10	Can ‘a million’ investment save ‘a billion’, reduce uncertainty and extend a field lifespan? – M. Wierchowaska - Equinor
10:30	Johan Castberg 4D monitoring – first reservoir insights from the world’s northernmost Permanent Reservoir Monitoring system – B. Osdal - Equinor	10:30	Elastic Property Prediction in the Ivorian-Tano Basin with Wave-Equation Inversion – B. Tredrea - Murphy Exploration & Production Co.	10:30	Elastic Anisotropic Multi-Parameter Velocity Model Building: a Case study from the North Sea – C. Purcell - SHEARWATER
10:50	The use of time-shifts to interrogate 4D seismic signals from offshore water injectors – C. MacBeth - Heriot-Watt University	10:50	Inversion of Diffusive-Viscous Coefficients and Physical Interpretation via a Double-Porosity Patchy Saturation Model – H. Zhao - Xi’an Jiaotong University	10:50	Full- azimuth Local Angle-domain Specular Imaging Method for Complex Structures in the Sichuan Basin – Q. ZHOU - Bgp,cnpc
11:10	Pressure-induced cement weakening in a West African reservoir: 4D seismic insights from petroelastic modelling and Log2Seis – H. Heidari - Heriot-Watt University			11:10	A Case Study of TORT migration imaging in a Complex Fault Basin – H. Zhao - BGP/CNPC
11:30	Break				
13:30	Poster session				
Seismic Interpretation - Monitoring-2		Seismic Characterization Case Studies		Full Waveform Inversion - Imaging-1	
14:30	Tailored 4D inversion for Middle Eastern stacked carbonate reservoirs: extracting value from complex and noisy environments – S. Secker - TotalEnergies	14:30	Joint AVA-AVAZ analysis to characterize the Cretaceous-Jurassic karst system beneath Geneva for geothermal prospectivity – R. Baillet - Beicip Franlab	14:30	Using visco-elastic full-waveform inversion to see beneath the gas cloud at the North Sea Ekofisk field – M. Oleszuk - Viridien
14:50	Pre- and post-stack time-shift analysis for fault reactivation monitoring in the North Sea – F. Jafarzadeh - Heriot-Watt University	14:50	Prediction of carbonate beach-bar reservoir based on seismic waveform-guided inversion – X. Xie - Tianjin Branch of CNOOC Ltd.	14:50	Triple-parameter viscoelastic MP-FWI from offshore West Africa – M. Kobylarski - DUG Technology
15:10	Rapid Subsurface CO2 Plume Monitoring using a Seismic Foundation Model – H. Di - SLB	15:10	Seismic diffraction modelling of sandstone intrusions to assist seismic interpretation – D. Holden - University Of Aberdeen	15:10	Generalized elastic parameterization for multiparameter elastic full-waveform inversion (FWI) – Z. Feng
15:30	4D seismic pressure-saturation inversion offers insight into unexpected pressure sensitivity in West Africa cemented sandstone reservoir – G. Côte - Heriot-Watt University	15:30	Development of the Victory field, UK: Unlocking a 48-year Discovery through Integrated Reservoir Characterisation – M. AditjaKusuma - ADURA	15:30	Multiparameter Elastic Full Waveform Inversion for Reservoir Interpretation – C. Calderón-Macias
15:50	Coffee Break				
Imaging Case Studies-2					
16:10	Imaging complex geology offshore Angola through integration of one-sided WAZ, low frequency sources and Elastic DMFWI – E. Frugier - TGS	16:10	Effective pressure estimation in deep tight sandstones via physics-informed transformer – J. Hu - China University of Petroleum (East China)	16:10	Accelerating convergence of high-resolution multi-parameter elastic FWI on reflection data – E. Duveneck - Shell Global Solutions International B.V.
16:30	Re-shaping the salt geometry with elastic FWI and FWI-derived reflectivity, a case study offshore West Africa – S. Aji-boye - SLB	16:30	From Angle Gathers to Reservoir model: A multi Track Inversion Workflow, Atoll Field, East Nile Delta – M. Attya - PHPC; bp	16:30	3D Elastic FWI with GPU-accelerated spectral element discretization: large-scale application to 3D OBN data – L. Métivier - Université Grenoble Alpes, CNRS, LJK, ISTERE
16:50	Impact of recent elastic FWI developments on subsalt imaging – T. Yang - bp	16:50	Seismic Reservoir Characterization of the Baturaja Carbonate: Implications for Hydrocarbon Exploration in JMJ Area, SSB – R. Pandito - Pertamina Hulu Rokan	16:50	Elastic vector-reflectivity inversion beyond Born approximation for full-wavefield imaging – M.D. Sacchi - University of Alberta
17:10	Full wavefield-based joint reflection and attenuation estimation: first land-data results – M. Safari - Delft University of Technology	17:10	Intra-Heimdal Stratigraphic Architecture in the Alvhheim Area, South Viking Graben – L.S. Aasprong - Aker BP ASA	17:10	Targeted elastic full-waveform inversion at Atlantis field – S. Luo - bp



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ROOM 16		ROOM 17	
Rock Physics-1		Environment, Minerals and Infrastructure - part 1	
08:30	Biot's Coefficient Revisited: A Lithology-Dependent Framework for Rock-Physics Modeling – T. Dutta - Halliburton	08:30	Full-Scale P&A Simulation: Developing a Pilot Plant to Validate Technologies and Procedures Under Different Well Condition – R. De Almeida - Repsol Sinopec Brasil
08:50	Temperature-pressure equivalence observed in ultrasonic experiments – W. Deng - China University of Petroleum (East)	08:50	Predictive Regional Exploration for Rare Earth Elements Using Integrated Geoscience Frameworks – M. Brouwers - Getech
09:10	Ensemble-Based Assisted Rock Physics Modelling with Uncertain Petrophysics and Model Parameters – F. Ciabbari - Eni	09:10	Evaluation of Shell-Based Permeable Concrete Pavement Performance Under Variable Rainfall Scenarios: A Numerical Modelling Study – L. Khajenoori - University Of Lancashire
09:30	Thermoporoelastic AVO response for CO2 Sequestration Monitoring – W. Hou - Chengdu University Of Technology	09:30	Extracting phase-velocity spectra from train-induced vibrations: A case study from Malmaban, Kiruna, Sweden – A. Kaslilar - Uppsala University
09:50	Coffee Break		
10:10	Rock physics diagnostics of Zulu Øst discovery, Central North Sea – N.H. Mondol - University of Oslo and NGI	10:10	Role of Saudi Natural Pozzolan in limestone calcined clay cement mortar for sustainable infrastructure applications – M.R. Hossain - King Fahd University of Petroleum & Minerals
10:30	Rock Physical Characteristics and Model Differences of Three Typical Continental Shale Oil Reservoirs – M. Lu - Research Institute of Petroleum Exploration & Development, PetroChina	10:30	Effects of micro-fibre length on the durability and ductility of fibre-reinforced magnesium phosphate cement concrete – M.A. Haque
10:50	Seismic sensitivity to CO2 storage in a depleted gas field in the Danish North Sea – B. Hosseinzadeh - Technical University Of Denmark	10:50	Multi-Domain Transfer Learning for Kirkenes-Type BIF Prospectivity Mapping in Arctic Norway – O. Emenaha - Norwegian University of Science and Technology
11:10	From Coarse to Fine: A Radon-Guided Diffusion Framework for Restoring Digital Rock Images under Severe Noise – J. Wang - CNOOC China Limited, Beijing Research Center		
11:30	Break		
13:30	Poster session		
Quantitative Interpretation & AVO-1		Site Characterisation for Windparks - 1	
14:30	AVO analysis for reserve quantification - machine learning method – T. Bertolino - Schlumberger	14:30	A Data-Driven Approach to Ground Model Unitisation for Offshore Wind – G. Provenzano - SAND Geophysics
14:50	Lithofacies-Constrained Low-Frequency Modelling for Pre-stack Simultaneous Inversion – X. He - GeoSoftware Co.	14:50	Probabilistic ground modelling for offshore windfarm sites based on geostatistical simulation – L. Siemann - Fraunhofer IWES
15:10	A novel multi-parameter seismic inversion method for shale reservoirs – W. Xiang - China University of Petroleum (East China)	15:10	Correlating seabed and subcrop bedrock geology: implications for offshore wind development, Nova Scotia, Canada – L. Dafoe - Geological Survey Of Canada (Atlantic)
15:30	Leveraging multiples and mode conversions via full wavefield AVO inversion to reveal true subsurface reflectivity – E. Mutual - Qeye	15:30	Accelerated offshore wind site characterization enabled by integrated ultra-high resolution 3D geophysical and hydrographic surveys – A. McKay - TGS
15:50	Coffee Break		
16:10	Multi-Parameter Spherical-Wave Inversion for Fractured VTI Media – H. Liu - China University Of Petroleum (East China)	16:10	Survey design for ultra-high resolution 3D seismic site characterization surveys – O.C. Orji - TGS
16:30	Adjoint-state accelerated gradient-based amplitude versus offset inversion using exact Zoeppritz equation – W.W. Weibull - University of Stavanger	16:30	RTM of UHR seismic data from split-offset and conventional streamer geometries for offshore wind site characterization – A.M.S. Ramadan - TKMS MARIDAN
16:50	Understanding Seismic Inversion Performance by Investigating Elastic Property Contributions – A. Kelsay - Delft Inversion	16:50	Full-windfarm UHR seismic diffraction imaging – B. Schwarz - Fraunhofer Institute for Wind Energy Systems IWES
17:10	A Critical Saturation Model for Patchy Saturation Interpretation in Sandstone: An Experimental Study – X. Wang - China University of Petroleum (East China)	17:10	Quantification of shallow biogenic gas volumes based on UHR multichannel seismic data. – J. Haberkern - TKMS Maridan

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ROOM 18		ROOM 19	
DS-14. Underutilised data: unlocking the potential, realising the value		Exploration Case Studies - part 1	
08:30	Utilising 2D datasets transformed into 3D volumes for regional interpretation across Asia – V. Agar - TGS	08:30	The State of Exploration in 2026 – J. Collard - Westwood Global Energy Group
08:50	From Paper Archives to AI Agents: Activating Underutilized Data in the Subsurface – N. Moridis - NVIDIA	08:50	Reviewing twenty years of continued exploration success at Eni – L. Meciani - Eni
09:10	Reservoir Evaluation Where Conventional Geochemistry Stumbles - A Workflow for Maximizing Underutilized Data and Samples – C. Barrie - Applied Petroleum Technology UK	09:10	From Seabed to Source: Improving Petroleum System Models in the MSGBC through MB&SS and Geophysical Calibration – F. Winter - TGS
		09:30	Unveiling Subsurface: Geomechanical Challenges and Successes in Drilling the Atum-1X Exploration Well in the southern MSGBC – M. Mosesyan - Apus Energy
09:50	Coffee Break		
10:10	Fuel the energy transition by making UKCS data available – R. Swiergon - North Sea Transition Authority	10:10	The deep waters of Northern Sierra Leone finally reveal their secrets. Insights from new seismic data – P. Bellingham - BGP
10:30	Maximizing Value of Cuttings: Mineralogical Variability Informing Reservoir and Seal Risk – N. Clark - bp	10:30	Expanding offshore Namibia's exploration frontiers: Leveraging reprocessed data for enhanced petroleum systems understanding – S. Tewari - SLB
10:50	The Digital Core Store: Machine-Ready, Fully Interactive Multi-Dataset Rock & Fluid Dashboards – J. Omma - Stratum Reservoir	10:50	The pinch-out nightmare – complex stratigraphic trap plays of offshore French Guiana – A. Pessoa - Petrobras; The University of Edinburgh
11:10	Unlocking value from existing seismic datasets for 4D business requirements in the North Sea – E. Barnes - bp		
11:30	Break		
13:30	Poster session		
DS-03. We built this city on rock and oil		Exploration Case Studies - part 2	
14:30	The Geology of Northeast Scotland - An Introduction – A. Hartley - University of Aberdeen	14:30	Exploring the Visean on the southern margin of the Mid North Sea High. – W. Lauwerier - ONE-Dyas
14:40	The Old Red Sandstone Basin & The Highland Boundary Fault – A. Hartley - University of Aberdeen	14:50	Implications of well test analysis on the MNSH exploration wells. – P. Matev - One-dyas Bv
15:00	The Rhynie Chert and Its Unique Fossils – A. Basier	15:10	The Selene Discovery - Subsurface integration delivering a major discovery in a mature basin – T. Cafferkey - Deltic Energy Plc
15:20	Ancient Stone Bothering in Aberdeenshire – N.G.W. Curtis	15:30	Geohazards Assessment to Mitigate Drilling Risks: Indonesia Gas-field Exploration Case Study – S.A. Putri - bp
15:50	Coffee Break		
16:10	North East granite around the UK and the world – J. Fiddes - Guest Speaker	16:10	Optimizing Reservoir Stimulation Strategy for Ultra-Deep Condensate Gas Reservoirs Based on Formation Fluid Parameters – W. Fan - PetroChina Tarim Oilfield Company; Xinjiang Engineering Research Center for Ultra-Deep Complex Oil and Gas Reservoir Exploration and Development
16:50	The Impact of North Sea Oil on the Economy, Culture, and Growth of Aberdeen – A. Kemp	16:30	Geological Scenario and Multi-disciplinary Integration unlock the Stranded Discovery – A. Al-Bulushi - PDO - Petroleum Development Oman
		16:50	Unlocking the Jurassic Mafraq Play: A Regional Integrated Subsurface Data Driven Evaluation- Targeting Sweet Spots, Oman – N. Al-Sinawi - Petroleum Development Oman
		17:10	Renewed Exploration in the Northern Calcareous Alps Fold-and-Thrust Belt – P. Pace - ADX Energy - ADX VIE GmbH; PACE Geoscience

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POSTER AREA

Poster session 1B Geophysics - Seismic Acquisition & Processing - 2

13:30	Cloud-based ambient noise monitoring for nodal seismic acquisition – Y. Zhu - BGP, CNPC
	Converted-wave static technique based on dynamic Vp/Vs curves – H. Wang - BGP, CNPC
	Near-Surface Vs Inversion in Laterally Heterogeneous Media Using a Combined MASW and Wave-Equation Approach – S. Hao - China University of Petroleum (East China)
	Automated 3D Borehole Acoustic Reflection Imaging via Evolutionary Adaptive Optimization – Q. Zhang - University of Electronic Science and Technology of China
	Bayesian Traveltime Inversion for Near-Borehole Velocity with Uncertainty Quantification Using Normalizing Flow – Z. Fang - University Of Electronic Science And Technology Of China
	Distributed Acoustic Sensing-Based Downhole Ambient Noise Inversion Imaging – J. Mu - School of Resources and Environment, University of Electronic Science and Technology of China (UESTC)
	Quantitative Fracture Characterization from Active-Source DAS Constrained by Large-Scale True-Triaxial Physical Modeling – C. Wang - China University of Petroleum (Beijing)
	Retrieval of primaries from passive seismic data using least-squares full-field multidimensional deconvolution – X. Shang - Jilin University
	Deep Learning-Based Removal of Borehole Mode Waves and Up-Down Wave Separation in Array Acoustic Logging – S. Shuai - China University of Petroleum (Beijing)

Poster session 1C Geophysics - Seismic Processing - 2

13:30	Effective surface and internal multiple attenuation in the ultra-shallow water of Bohai Bay Basin – F. Xavier de Melo - SLB
	Deep Diffusion Models for Harmonic Noise Removal in Vibroseis Data – J. Zheng - Jilin University
	Harmonic noise suppression in uncorrelated vibroseis data via sparse representation – Z. Yang - BGP, CNPC
	Application of Seismic Data Denoising Algorithm Based on Improved Convolutional Adversarial Denoising Network in Bohai Sea – Y. Xiong - cnooc
	Enhancing Deghosting Performance Using High-Order Sparse Radon Transform – T. Mo - Tongji University

Poster session 1D Geophysics - Seismic Velocities & Imaging - 2

13:30	Making use of what we have: leveraging existing datasets and giving them new life, Offshore Angola – M. Angelo - TotalEnergies
	Toward 4D frequency-domain visco-acoustic FWI: Insights from the Ivar Aasen OBN data – S. Operto - University Côte d'Azur, CNRS, Géoazur
	Research and application of full-layer velocity analysis in well optimization in the Sichuan Basin – Y. Deng -
	Acoustic wave equation numerical simulation and RTM with mixed staggered-grid finite-difference method – Z. Hu - Research Institute of Petroleum Exploration & Development-Northwest (NWGI), Petrochina
	Optimized 25-Point Stretched Stencil for Vertical Variable-Grid Frequency-Domain Acoustic Modeling – Y. Li - China University of Petroleum (East China)
	Curvilinear-complex domain topographic staining imaging of joint primary–prism waves with complete-path attenuation compensation – J. Li - Qingdao Binhai University
	Accurate and Efficient Curvilinear-Grid Finite-Difference Solvers for Attenuated traveltimes Computation – X. Zhou - Institute of Geophysics, Polish Academy of Sciences
	Wavefield Origin and Deterministic Characterization of Near-source Strong Scattering Noise in Complex Near-surface environments – X. Dong - Sinopec Geophysical Corporation R&D Center
	Near-Surface Elastic Full Waveform Inversion from Traffic Vibrations: Cars versus Trains – T. Bohlen - Karlsruhe Institute Of Technology
	High-Resolution Imaging with Multiparameter FWI for Land Data – C. Calderon-Macias - TGS
	An efficient and stable multiscale approach for 3D time-domain waveform inversion using the multiplier method – M. Sonbolestan - Institute of Geophysics, Polish Academy of Sciences
	Applications of the wavelet transform in modern seismic imaging – D. Wang - bp
	Two-component towed-streamer MP-FWI imaging – M. Perry - DUG Technology
	FWI Imaging Using Stress-Strain Equations for Distributed Acoustic Sensing Data – Z. Xu - China University of Petroleum (East China)
	Optimized anisotropic Gaussian beam migration method and application in Bohai complex Mesozoic volcanic image – X. Duan - CNOOC
	Efficient 2-D Seismic Imaging via AI-Driven Frequency-Domain Interpolation and HPC Kernel Acceleration – J. Zhao - The Cyprus Institute

Did you know?

The Northern Lights of Old Aberdeen has an unexpected **Orkney connection**. The song was written in the **1950s** by **Mary Webb**, who lived in London and had never visited Aberdeen. It was created for a **homesick Aberdonian colleague**, and its famous opening was later linked to **BBC journalist Archie Lee's** childhood memories of seeing the **"Mirrie Dancers"** with his mother in **Orkney**.

Technical Programme

Wednesday 10 June | Poster presentations

Last updated 1 May 2026

Poster session 1E Geophysics - Seismic Interpretation - 2	
13:30	A Nonlinear Direct Inversion Method for Seismic Data: Reconstructing Reservoir Properties without Intermediate Steps – Q. Wu - China University of Petroleum (Beijing)*
	Probabilistic inversion of brittleness index characterized by reservoir properties based on the DREAM algorithm – J. Zhang - China University of Petroleum (East China)
	Hierarchical Bayesian probabilistic inversion for quadratic PP-wave reflectivity based on a weighted adaptive sampling algorithm – S. Zhou - China University of Petroleum (East China)
	Joint Seismic Inversion for Elastic Properties and Facies Estimations, using Geostatistical and Multivariate Gaussian Constraints – A. Nascimento - Petróleo Brasileiro S/A - PETROBRAS; Universidade Federal Fluminense
	A New Fluid Factor Based on Rock Physics with Eliminated Rock Matrix and Porosity Effects – Y. Xie - China University Of Petroleum (east China)
	Paleogeomorphic Features of Changxing Formation, Sichuan Basin: Controls on Reef and Shoal Development – Z. Wang - BGP, CNPC
	An enhancement of time-shift estimation for thin or complex reservoirs – A. Raeisdana - Heriot-Watt University
	Quantifying Image-Based Determinants of Rock Mechanical Properties – Z. Wang - China University of Petroleum (East China)
	Sequential seismic inversion using azimuthal elastic impedance for SHmax detection: insights from stress-induced anisotropy – L. Deng - China University of Petroleum (East China)
	Fine characterization of internal structure of carbonate fracture-vuggy reservoirs – Y. Yang - Sinopec Geophysical Research Institute
	A method for separating fractured-vuggy reservoir seismic reflections via Tucker decomposition – F. Li - Sinopec Geophysical Research Institute
	An Integrated Workflow for Hydrocarbon Prediction Combining Exponential Weighting Method and RBF Neural Networks – J. Cui - China National Petroleum Corporation
	Pensacola Hauptdolomit Carbonate Gas Discovery (MNSH, UK): Reducing Uncertainty and Unlocking Growth Through Geophysical Analysis – M. Rodger - Adura
	Identification of low-order faults via fault tracking constrained by regional dip trend – G. Wang - China university of petroleum (Beijing)
	Deep-learning-based optical flow interpolation of sparsely sampled seismic images for interpretation – T. Kalinicheva - bp
	Deep learning based seismic image conditioning – T. Zhao - SLB
	Intelligent Parameter Inversion for Horizontal Wells – L. Liu - China University of Petroleum (Beijing)
	Overcoming Core Data Scarcity: A Porosity-Constrained Generative Framework for Digital Rock Physics – D. Cao - China University Of Petroleum East China
Poster session 2. Geology - 2	
13:30	Azimuthal Monopole Radial Profiling for 3D Near-Wellbore Characterization – X. Sun - China National Logging Corporation, CNPC
	Physics-Informed Unet with Lattice Boltzmann Method for Flow Simulation in Porous Media – F. Bi - College of Artificial Intelligence, China University of Petroleum (Beijing)
	The effect of stratigraphic temperature on the fracture damage of shale using the digital core – G. Li - University of Aberdeen; Institute of Geology and Geophysics (Chinese Academy of Sciences)
	Density and Acoustic Logging Environmental Correction Method Based on Random Forest Algorithm – Z. Li - China University Of Petroleum (Beijing); Sinopec Petroleum Geophysical Technology Research Institute
	From Voxels to Topology: Mapping Pore Structure into the Interpretable PxTyCz Ternary Space – S. Hou - China University Of Petroleum East China
	Practical Issues with Borehole Dispersion Analysis: Technique and Applications – S. Li - China National Logging Corporation, CNPC
	Significance of Refined Gross Depositional Environment Maps in Basin Modelling: Unlocking Hydrocarbon Potentials in South Oman – R. Alharthi - Petroleum Development Oman
	Quantitative Method for Determining Diagenetic Facies of Bioclastic Limestone – F. Li - Research Institute of Petroleum Exploration & Development, Petrochina
	Methodology for Sequence Division of Thick Sediments of Shallow Carbonate Ramp – F. Li - Research Institute of Petroleum Exploration & Development, Petrochina
	PROCESS-BASED FORWARD STRATIGRAPHIC MODELLING FOR FRONTIER-AREA PETROLEUM SYSTEMS: MESOZOIC, CENTRAL ONSHORE KUWAIT – S. Al-Enezi - Kuwait Oil Company
	Sedimentary Facies Distribution of the Sinian Dengying Formation, Sichuan Basin: Insights from New Paleogeomorphic Reconstruction Method – J. Wu -
	Probabilistic forecasting of strong earthquake occurrence in the North China fault system – Q. Zhang - Logging Technology Research Institute, China National Logging Corporation
	Geological Modelling of Open Saline Aquifers for Migration Assisted Carbon Storage, Browse Basin, Australia – K. Milne - KM Geoscience
	An Integrated Approach to Enhancing Reservoir Property Prediction in Clastic Reservoir (Case Study from NW Libya) – H. ALSHAAFI - Arabian Gulf Oil Company (AGOCO)
	A Convolutional Neural Network-Based Approach for Prediction of Geophysical Well Logs in the Campos Basin – A. Cerqueira - Study and Application Group of Artificial Intelligence in Geophysics (GAIA); Federal University Of Bahia

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Wednesday 10 June | Poster presentations

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Poster session 3. Petroleum and Reservoir Engineering - 2	
13:30	Mechanisms of EOR via Hierarchical Pore Mobilization in Shale Reservoirs – X. Yang - China University Of Petroleum (east China)
	Research on the Synergistic Displacement Mechanism of CO₂/CH₄/N₂ Gas-Water Based on Multi-scale Characterization and Numerical Simulation – D. Zhang - China University of Petroleum (East China)
	Improve Recovery Estimation of Shale Oil Production using Cluster-based Approach for Well Heterogeneity – Y. Kim - Seoul National University
	Physical-informed DeepONet heterogeneous subsurface flow surrogate model based on finite-volume method – J. Qiu - China University of Petroleum (east China)
	Enhanced Capacitance Resistance Model for Complex Production Environments – M. Abdul Ghani - Beicip-Franlab
	Physics-Informed Transformer Networks for Predicting Water–Oil Relative Permeability – M. Ahmadi - Sharif University of Technology
	Scaling of Two-Phase Flow in Three-Dimensional Porous Media with Tensor Permeability – S. Ashtari Larki - Heriot-Watt University
	A 4D Seismic-Dynamic Workflow for CCUS History Matching – P. Harris - Sharp Reflections
	From Structural and ML Property Modelling to Dynamic Reservoir Model Validation – L. Truelove - SLB
	The full-life cycle reservoir modeling technology for complex oil and gas reservoirs in China – S. Xingkun - Sinopec
Poster session 4. Integrated Subsurface - 2	
13:30	Unlocking an Exploration Strategy for Basement Fracture Reservoirs Using Integrated Elastic Dislocation Modeling, Tanjung–Kambitn Field – I.D. Rahmat Nugroho - Pertamina Hulu Indonesia
	Implications of Transitional Energy Certificates (TECs) for UK Upstream Investment: Analysis and Outlook – A. Polymeni - S&P Global
	Integrating water deficit index and groundwater recharge zones using google earth engine for arid region assessment – M.M. RAHMAN - King Fahd University of Petroleum & Minerals (KFUPM)
	Geomechanics: Paving a New Way for Ultra-Deep Oil and Gas Exploration and Development in China – Z. Qian - Tarim Oilfield Company,PetroChina
	Research and Innovation on Geomechanical Properties of 10,000-meter-level Reservoir in Well Shendi Take-1 of Tarim Basin – Z. Qian - Tarim Oilfield Company,PetroChina
	Pore Pressure Prediction in Shale Reservoir Based on Rock Physics – Y. Liu - SinoPEC Petroleum Exploration and Production Research Institute
Poster session 5. Energy Transition - 2	
13:30	Multi-attribute unsupervised seismic facies classification of volcano-sedimentary sequences of the Paraná Basin, SE Brazil – Í. Gonçalves - Federal University Of Pampa*
	Project Poseidon CCS site assessment through legacy 3D seismic reprocessing – A. Silvertson-Okoye - DUG Technology
	Improving seismic characterization of volcanic reservoirs for carbon sequestration: a machine-learning case study in the Brazil – M. Lima - Federal University of Pampa
	Carbon Storage Site Screening – A Case from Onshore Germany – D. Adelmann - Untergrundspeicher- und Geotechnologie-Systeme GmbH
	Regional modelling for geological CO₂ storage projects – B. Nazarian - R & D
	Rank-Dependent Physicochemical Remodelling and Thermal-Diffusive Coupling Mechanisms in ScCO₂-Treated Coals – X. Li - University Of Aberdeen
	'Backscattered Noise' – A scalable approach to cost-effective CCS reservoir monitoring? – N. Reiss - Royal Holloway University Of London
	Impact of Grid Resolution and Fault Transmissibility on CO₂ Plume Extension Predictions: Towards CCS Integrated Solutions – C. Sorgi - SLB
	Optimizing CO₂ Sequestration in Fully Water-Saturated Reservoirs: Machine Learning-based Enhanced Trapping Efficiency in South Rumaila Field – W. Al-Mudhafar - Basrah Oil Company
	Deep karst thermal reservoirs identification based on post-stack dominant attribute analysis – J. Liu - Sinopec Geophysical Research Institute Co., Ltd.
	Permeability heterogeneity and compaction localization in porous sandstone – P. Baud - University of Strasbourg
Poster session 6. Environment, Minerals and Infrastructure	
13:30	Impact of treatment strategies on metal ions leaching from mining waste for CO₂ mineralization – G. Marins - Petrobras
	Modeling critical material bottleneck in hydrogen infrastructure for heavy-duty vehicles in France: Focus on iridium – N. De Freslon - CNAM
	Metal mineral identification in ultrasonic logging with small-sample machine learning – Q. Zhang - Logging Technology Research Institute, China National Logging Corporation

Did you know?

There are **more than 30** places called **Aberdeen** around the world. The name appears in countries including the **United States, Australia, Canada, Jamaica, South Africa and Hong Kong**, a reflection of how far Scottish influence travelled. Because the exact total depends on whether you count only towns and cities or smaller place names too, "**more than 30**" is a safer claim than a fixed number.

Technical Programme

Thursday 11 June | Oral presentations

Last updated 1 May 2026

ROOM 1 		ROOM 2 		ROOM 3 	
Velocity Model Case Studies - 1		Quantitative Interpretation & AVO-2		Multiple Attenuation	
08:30	Combining new and legacy seismic acquisition, 40Hz FWI and RTM to enhance pre-Messinian imaging, offshore Egypt – A. Vaz - bp	08:30	Eldfisk Field: Advanced 4D Waterfronts Interpretation Using Elastic Inversion Attributes – L. Bencherif-Soerensen - ConocoPhillips	08:30	Multi-azimuth surface-related multiple prediction and internal multiple attenuation to enhance near-angle imaging in the Norwegian Sea – D. Brager - SLB
08:50	Increasing accuracy, resolution and confidence in Oseberg Sør imaging through a modern elastic FWI workflow – A. Bullock - SLB	08:50	Optimized AVO Interpretation in the Northern North Sea: Incorporating Shale Anisotropy – M. Asaka - INPEX	08:50	From hard seabed to elusive targets: seismic imaging in the north Norwegian Sea – M. Gawron - Viridien
09:10	Multi-Parameter FWI for Velocity, Attenuation and Angular Impedance: A Case Study from the Outer Vøring Basin – S. Naumann - TGS	09:10	The Value of Seismic Reprocessing for DHI Identification in the Offshore Colombian Caribbean – M. Sobreira - Petrobras	09:10	Integrated demultiple techniques for complex shallow water environments – an Offshore Mexico case study – F. Perez Ortega - SLB
09:30	The Selene Discovery - An Evolution in Understanding of Depth Conversion Complexities in an Inversion Zone – M. Dack - Deltic Energy	09:30	Envelope-Phase Feature Fusion for Semi-Supervised Multi-Angle Elastic Inversion – Y. Li - China University Of Petroleum (east China)	09:30	A Parallel Deep Neural Network for Accelerating the Marchenko One-Step Method – X. Zuo - China University Of Petroleum (Beijing)
09:50 Coffee Break					
10:10	High-Frequency Full Waveform Inversion for Enhanced 3D Ultra-High-Resolution Seismic Velocity Model Building – L. Limonta - TGS	10:10	A PPO-Controlled Trust-Region Krylov Framework for Robust Three-Parameter Pre-stack Seismic Inversion – Y. Fan - China University Of Petroleum	10:10	Opportunities in Deep-Learning based SRME / IME – R. Van Borselen - Shearwater GeoServices
10:30	Seismic attribute for velocity model enhancement and uncertainty analysis: Application for the evaporites, Santos Basin, Brazil – N. De Freslon - TotalEnergies	10:30	Bayesian joint inversion of porosity and pore structure in tight clastic reservoirs – S. Dai - SINOPEC Geophysical Research Institute Co., Ltd	10:30	Plug-and-Play Regularized Multi-Dimensional Deconvolution for Wavefield Retrieval: A Synthetic and Field-Data Study – N. Wang - King Abdullah University Of Science And Technology
10:50	From Raw OBN to Reliable Velocity Model: Fast-Track FWI Workflow in deep offshore Angola – Z. Renat - TotalEnergies	10:50	Simultaneous Seismic Prediction of Fluid and Brittleness Factors Considering Overburden Stress – X. Zhu - China University of Petroleum (East China)	10:50	MM-Net: ASPP-Based Registration Framework for Adaptive Multiple Subtraction – C. Zhang - China University of Petroleum-Beijing
11:10	Unlocking Algeria's subsurface via advanced imaging techniques – V. Prieux - Viridien	11:10	Optimization of Genetic Algorithms for Geostatistical Inversion: Advanced Crossover, Mutation, and Workflow Time Consuming Enhancements – A. Nascimento - Universidade Federal Fluminense; Petróleo Brasileiro S/A - PETROBRAS		
11:30 Break					
13:30 Poster session					
Velocity Model Case Studies - 2		Wavefield reconstruction, sampling strategies, and compressive sensing		High Resolution for Shallow Subsurface	
14:30	Constrained Multi-Parameter Tomography for Anisotropic Velocity Modelling – V. Akcelik - Shearwater GeoServices Group	14:30	Joint interpolation of OBN surveys with multiple source types – Z. Yan - SLB	14:30	OBN Reprocessing for Shallow Hazards: Unlocking the Full Potential of Our Seismic Data – A. Landin - bp
14:50	High-Fidelity Outcrop Model for Investigating The Effect of Near-Surface Meter-scale Carbonate Heterogeneity on Seismic Data – P. Golikov - Saudi Aramco	14:50	Estimating and using the crossline component of the gradient of the wavefield at the source – M. Vassallo - SLB	14:50	OBN first break positioning optimization via integrated multi-factor analysis – T. Gong - BGP Offshore
15:10	High-Resolution Seismic Velocity Imaging of The Geysers Geothermal Reservoir – M. Kazemnia Kakhki - University of Vienna; Federal University Of Rio De Janeiro	15:10	Compressive Seismic Case Study: Legacy Data Bin Size Reduction – J. Latchman - In-depth Geophysical, Inc	15:10	Field Evaluation of DAS in Swedish Quick-Clay Terrain – M. Papadopoulou - Uppsala University
		15:30	Simultaneous reconstruction and denoising via a self-supervised low-rank framework DeepTensor – C. Ding - Harbin Institute of Technology	15:30	High-Resolution Shallow Seismic Acquisition Using Lithology Model-Constrained Hole Depth Design: Western Gongshanmiao Case Study – Y. Luo - Bgp ,CNPC
15:50 Coffee Break					
Seismic Reservoir Characterisation-5					
16:10	Well-constrained amplitude-preserved extraction method for abnormal response of fracture-cavity bodies – B. Zhu - SINOPEC Yanghua Wang Academician Workstation; Tongji University; Sinopec Geophysical Research Institute	16:10	Partitioned Adaptive Differentiable Top-K Regularization for Amplitude-Preserving High-Resolution Radon Transform – C. Zhang - China University of Petroleum-Beijing	16:10	High resolution shallow hazard characterization with multicomponent single-sensor streamers towed deep – a validation study – S. Rentsch - Shearwater Geoservices
16:30	Rock physics and seismic response of volcaniclastic reservoirs: Insights from the Pannonian Basin – S. Klamer - SKGeo	16:30	Reconstruction and Application of Randomly Sampled Data via Aliasing-Resistant Fourier Transform in Polar Coordinates – J. Xie - Sinopec Geophysical Company	16:30	Evaluating a new CCS survey design option – a North Sea case study – S. Redfearn - Shearwater GeoServices
16:50	Calcite Influence on Seismic Amplitudes of Mozambique Siliciclastic Reservoirs: A Stochastic Inversion by Trace-Matching Study – A. Benguigui - Sasol	16:50	An interpolated tensor-wheel completion algorithm for a generalized five-dimensional arbitrary regular or irregular-grid seismic data reconstruction – C. Ding - Harbin Institute of Technology	16:50	Improving ultra-high-resolution multiple subtraction using curvelet-domain matching – A. Egorov - RadExPro Seismic Software LLC
17:10	A Novel Technique for Predicting Reservoir Discontinuity Boundaries – X. Zhang - CNOOC Research Institute Co., Ltd.			17:10	High-Resolution Marine Seismic Imaging and Source Characterization Using Near-Field Hydrophones – A.M. Altaraj - Saudi Aramco



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Thursday 11 June | Oral presentations

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ROOM 4		ROOM 5		ROOM 6	
Micro & Passive Seismic		DS-09. CCS Across Sectors: Collaboration Between Industry, Academia and Government		Acquisition Geometries & Hardware-3-Land seismic	
08:30	Focal Mechanisms of Hydraulically Induced Microseismic Events: A Laboratory-Scale Study with Field-Scale Implications – D. Wamriew - KAUST	08:30	The spatial challenge in offshore waters: Implications and unintended consequences for carbon storage – J. Underhill - Aberdeen University	08:30	Advancements in Vibroseis Source Technology towards Low Frequencies – Z. Wei - INOVA Geophysical
08:50	An AI-Ready Downhole Microseismic Benchmark Dataset: AMBER – J. Verdon - University of Bristol	08:50	Collaboration within CCS: insights, impacts, and the road ahead – M. Branston - SLB	08:50	Lessons Learnt from a CCS 3D Land and Transition Zone Seismic Survey in Denmark – K. Souissi - Equinor UK Ltd
09:10	Rare Microseismic Event Prioritisation in Ocean-Bottom DAS Using Geometry Regularisation and Distance-Based Ranking – I. Almkhametov - Curtin University	09:10	CCS Risk and The Energy Transition – E. Dawson - Equinor	09:10	Low Frequency Performance of Piezoelectric Accelerometer Nodes versus Geophone Arrays – G. Barnes - STRYDE
09:30	Estimating Source Location and Magnitude of Local Seismic Events Recorded by Subsea DAS – B. Gurevich - Curtin University	09:30	What if discontinuous barriers are enough? – M. Duffy - Rock Flow Dynamics	09:30	Enabling larger-scale onshore seismic with nodes – T. O'Toole - STRYDE
09:50	Coffee Break				
10:10	Kernel FCM clustering-constrained inversion of ambient noise surface wave data for near-surface accurate imaging – Z. Shi - School of Earth Sciences, Zhejiang University	10:10	CO2 pipeline transport (source) to subsurface storage (sink) in depleted oil and gas reservoirs & aquifers – P. Jadhawar - University Of Aberdeen	10:10	A poroelastic model for vibrator-ground coupling – W. Deng - China University of Petroleum (East)
10:30	How long recordings do we need for interferometry? – L. Eisner - Seismik s.r.o.	10:30	Containment Stewardship: The Key to Long-Term Value from Green-Field to CCS – H. Martingano - Axis Well Technology	10:30	Digital arrays optimization for efficient land seismic exploration – A. Ourabah - STRYDE
10:50	SHAP-gated PhaseNet inference for robust microseismic event detection – U.B. Waheed - KFJPM	10:50	Mind the Gap, Build the Bridge: Closing the CCUS Innovation Loop – I. Martin - Net Zero Technology Centre	10:50	Advanced Ray Tracing Assessment of Subsalt Imaging Potential: Illumination of a Salt Diapir in the Central of Iran – S. Saffarzadehosseini - Petroleum University of Technology
11:10	Neural Operator-Engined Inversion for Microseismic Event Location – Y. Yang - King Abdullah University of Science and Technology			11:10	Integrating Dispersed Source Arrays into FWI Optimal Survey Design – J. Acedo - University of Alberta
11:30	Break				
13:30	Poster session				
ML & AI for Seismic Characterisation: Properties II		DS-20. UK CCUS Projects		Autonomy in Geophysics	
14:30	Semi-supervised elastic impedance inversion method based on multi-scale frequency decomposition and feature fusion – W. Ouyang - China University of Petroleum (East China)	14:30	Liverpool Bay CCS – A. Pozzoli - ENI	14:30	Unlocking Value Through Technology & Partnerships: A Benchmark OBN Campaign at Utsira North (2025) – C. Roalkvam - Aker BP
14:50	Dynamic Reservoir Property Estimation from 4D Seismic Data using Bayesian Neural Networks – B. Sukar - Heriot-Watt University	14:50	An introduction to the Endurance Storage Site, UK Southern North Sea – S. Daniels - Northern Endurance Partnership	14:50	Toward autonomy in marine geophysics: a robotic ship and electric vibrator source field trial. – T. Manning - bp
15:10	PAHCA: A Prior-conditioned Asymmetric Hierarchical-Coupling Architecture with Self-supervised Reconstruction for Seismic Inversion – Q. Zheng - China University Of Petroleum (East China)	15:10	Expanding Northern Endurance Partnership's CO2 transportation and storage infrastructure. – H. Sizoo - bp / Northern Endurance Partnership	15:10	Designing optimal sweeps for a vibratory marine-seismic source array – B. Bahia - bp UK
15:30	AI-assisted reservoir characterisation workflows applied in the deepwater Brazil pre-salt – J. Guha - Shell	15:30	The Acorn Project: Growing strength through scale – C. Imrie - Storegga	15:30	Shallow Cavities Identification With a Swarm of Autonomous Seismic Drones – E. Murdoch - EXPEC Advanced Research Center Saudi Aramco
15:50	Coffee Break				
				Acquisition Geometries & Hardware-4	
16:10	Smooth, differentiable mapping in the multidimensional feature space providing more accurate subsurface property and variability estimates – R. Ghose - Delft University of Technology	16:10	Dedicated Session 20 UK CCUS ProjectsMNZ – Peak Cluster Update	16:10	Active Force Feedback Moving Coil Geophone Technology and its Application in Ocean Bottom Node – F. Ruan - China Oilfield Services Limited
16:30	Brownfield Reservoir Potential Evaluation using Integration of AI-Enhanced Seismic and Well Data – O. Mammadov - WAVERITY	16:30	From Gas Field to Gigaton Store: Adaptable and Scalable CO2 storage at Project Poseidon – C. Furby - Perenco	16:30	The Forgotten Fold Maps of 3D Seismic Surveys – M. Naghizadeh - Optiseis Solutions Ltd.
16:50	Adaptive Multi-Agent System for Multi-Physics Modelling and Risk Assessment in Carbon Capture and Storage Feasibility Studies – M. Paydayesh - SLB	16:50	Bacton CCS – N. Birrell - ENI	16:50	Full Wavefield Seismic Acquisition with a Multi-Geometry – D. Li - Kingdo
17:10	Predicting Future CO2 Saturation from Historical Time-Lapse Seismic Data via Physics-Constrained Deep Learning – M. Tang - China University of Petroleum (East China)	17:10	CCS Project Maturation and De-Risking: Navigating Technical and Strategic Complexity in a Dynamic UK CCS Landscape – R. Masoudi - EnQuest		



Silent Conference room

Technical Programme

Thursday 11 June | Oral presentations

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ROOM 7 		ROOM 8 		ROOM 9 	
Geo-mechanics & Pore Pressure - part 1		DS-25. Later life field management - opportunities and decommissioning considerations		ML & AI for Production Optimisation & Forecast-1	
08:30	Thermo-Mechanical Controls on Fault Stability During Cold CO2 Injection in the Johansen Aquifer – H. Hamdi - University of Calgary	08:30	Seagull & Murlach: Insights from HPHT Triassic tie-backs to ETAP in the Central North Sea – J. Verhaeghe - bp	08:30	From Subsurface Archives to Field Decisions: A Tool-Orchestrated Agentic Workflow for Traceable Hydraulic Fracturing Candidate Ranking – O. Yurchyshyn - Research And Design Institute Of JSC Ukrnafta
08:50	Caprock Integrity and Storage Loss Caused by Cold CO2 Injection-Induced Thermal Stress – B. Hosseinzadeh - Technical University of Denmark	08:50	The Andrew cluster: from field life extension to maximising value before COP – W. Bottomley - bp	08:50	Well Placement Optimization under Geological Uncertainty using Deep Reinforcement Learning – W. Jo - Seoul National University
09:10	Long-Term Supercharging and its Impact on Formation Pressure Interpretations – S. Stewart - Saudi Aramco	09:10	Use It or Lose It: Optimising Late Life Data Acquisition for P&A – S. Moloney - Elemental Energies	09:10	Machine Learning Well Test Regimes Classifier based on Synthetic Analytical Models – A. Egorov - Heriot-Watt University
09:30	Stochastic approach to depletion-induced subsidence modeling at Aasta Hansteen gas field and comparison with gravimetric observations – A. Rozhko - Equinor ASA	09:30	Late-Life Reservoir Opportunity and Subsurface Readiness for Cessation – D. Littlejohn - Exceed Energy	09:30	A Novel Method for Remaining Oil Identification Based on Deep Learning Networks – J. Yang - Southwest Petroleum University
09:50	Coffee Break				
		DS-21. Geogeneity: research spotlights in the energy transition			
10:10	Evaluating reservoir depletion impacts on drilling risk in a natural gas and hydrogen storage redevelopment project – S. Hayhurst - Exceed Torridon Limited	10:10	Fracture network characterization for CO2 basalt mineralization target: insight on fluid flow for Jizan Group – T. Finkbeiner - King Abdullah University of Science & Technology	10:10	Knowledge Graph-based Petroleum Engineering Ontological Framework for Well Performance Assessment – M. Khawaja - Saudi Aramco
10:30	Synergizing Geomechanics and Operations for Effective Drilling Management: A Case Study from Kuwait – O. Al-Zankawi - Kuwait Oil Company	10:30	Feasibility of 4D Seismic Monitoring for CO2 Injection in Depleted Gas Fields: UKCS versus NCS – S.Y. Toh - Heriot-Watt University	10:30	Optimization of Oilfield-Scale-Inhibitor Squeeze Treatments: Data-driven versus Conventional Approaches – O. Vazquez - Heriot-Watt University
10:50	Impact of Diagenetic Cements on Rock Disaggregation and Sanding – Y. Xiao - bp America Inc	10:50	Unsupervised Learning for Geologically Consistent Fluid Flow Analysis in Fractured Reservoirs – E. Kamel Targhi - Delft University Of Technology (TU Delft)		
11:10	Examining a Novel Method for Multi-Stage Triaxial Compressive Strength Testing – J. Samuelson - Core Laboratories	11:10	De-Risking Hot Sedimentary Aquifer Geothermal : Lessons from PAst and Current Projects – M. Bremaud - JRG Energy		
11:30	Break				
13:30	Poster session				
Geo-mechanics & Pore Pressure - part 2		DS-18. Gravity, Magnetic and Electromagnetic Renaissance		ML & AI for Production Optimisation & Forecast-2	
14:30	An Innovative Geomechanics-Driven Approach for Natural Fracture Characterization in Ultradeep Tight Gas Reservoir of Tarim Basin – P. Li - PetroChina Tarim Oilfield Company	14:30	Robust agentic multiphysics inversion with local and global optimizers – D. Colombo - Saudi Aramco	14:30	Automatic Logging Interpretation System Based on Large Language Models – R. Shao - China University of Petroleum Beijing
14:50	Seismic Driven Stress Characterization for Arbitrarily Oriented Fractures in Structurally Superimposed Shale Gas Reservoirs – S. Li - China University Of Petroleum Beijing	14:50	Combining regional gravity, magnetic and electromagnetic data to improve geological understanding – L. MacGregor - Edinburgh Geoscience Advisors Ltd	14:50	Embed-to-Control Deep-Learning Surrogate for CO2 Storage Monitoring and Robust Biobjective Production Optimization – M. Onur - The University of Tulsa,
15:10	Uncertainty in fracture gradient stress path parameters in depleted and recharged reservoirs – S. Green - bp	15:10	The role of multiphysics in geothermal exploration for the energy transition – F. Ceci - SLB	15:10	A Reinforcement Learning Framework for Multi-Physics CO2 Plume Forecasting – Y. Shi - Tongji University
		15:30	Marine CSEM 25 years after Girassol – Where do we stand? – D. Baltar - EMGS ASA	15:30	An Accelerated Physics-Informed Neural Operator for CO2-Brine Multiphase Flow – C. Etienam - NVIDIA
15:50	Coffee Break				
				Well Construction, Performance & Work-Overs	
		16:10	A Geophysics-Driven Framework for Seafloor Massive Sulphide (SMS) Exploration – L. Lorenz - Quantum-Wetstone	16:10	Probabilistic Decision Support for Geosteering Under Geological Uncertainty – R. Baishev - Heriot-Watt University
		16:30	Commercial Hydrocarbon Pool Location, Recoverable Reserve and Production Rate Using Regularization-Free Geologically Meaningful 3D Gravity Inversion – O. Petrovskyy - DEPROIL	16:30	Lost-Circulation Risk Prediction from Seismic Attributes and Mud-Loss Data with Edge-Preserving Smoothing – H. Wang - Sinopec Petroleum Exploration and Production Research Institute
		16:50	From Ground to Air: Using ground-based geophysical surveys to calibrate airborne FDEM peat mapping – O. Brennan - RSK Geosciences	16:50	Azimuthal Bonding Evaluation with an Array Sonic Tool – Y. Wang - Halliburton
		17:10	The Gravimeter Renaissance: Advancements in MEMS and Quantum R&D for High-Resolution Subsurface Application – T. Lowe - Delta.g	17:10	Physics-guided Conditional Generative Adversarial Network for Variable Density Log Wavefield Reconstruction – Y. Wang - China University Of Petroleum, Beijing



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Thursday 11 June | Oral presentations

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ROOM 10 		ROOM 11 		ROOM 12 	
Structural Geology - from Fractures to Basin development		Geothermal Energy-2		AI and ML using leveraging data, learning and prediction	
08:30	Basement architecture in the north-central Gulf basin imaged using ultralong-offset sparse OBN and eFWI – M. Rowan - Rowan Consulting, Inc.	08:30	S-Wave Active-Source Seismic Survey for Monitoring a Dutch Geothermal Site – D. Naranjo - Delft University Of Technology	08:30	Hidden Oil: Turning Legacy Data into New Insights with Agentic AI – A.I. Koeshidayatullah - KFUPM
08:50	Mid-Jurassic evolution of the North Atlantic, a structural reconstruction of the Hebrides and mid-Norway rift margins. – R. Sordi - University Of Aberdeen	08:50	Transferring Local Angle-Domain Depth Imaging Workflows from Hydrocarbon Exploration to Geothermal Projects – S. Klärner - SKGeo	08:50	Transformer-Based Geotechnical Classification of Borehole Logs with Benchmarking of Uncertainty Quantification Methods: an Italian case study. – R. Cilli - Georesources
09:10	Plio-Pleistocene Evolution of the Northern Apennines in the Central Po-Plain: Implications for new sources of energy – D. Barrera - University of Pavia	09:10	Amplitude-Preserving Seismic Processing and Quantitative Interpretation for Geothermal Reservoir Characterization in the Paris Basin – C. D'aguanno - SLB	09:10	Bridging Remote Sensing and Field Operations: Automated Land Cover Classification and Dynamic Vectorization – N. DOLATABADI - Gohar Pazhouhan Sepandar; University of Catania
09:30	Kinematic Restoration to constrain salt mobilization: Insights from the Serres Marginal thrust sheet (South-Central Pyrenees) – G. Cofrade Rivas - PE Limited	09:30	Enabling urban, low-impact and deep geothermal seismic imaging using electromagnetic vibrators and next-generation MEMS nodal receivers – M. Beker - Innoseis Sensor Technologies	09:30	Application of Fault Identification Technology Based on Artificial Intelligence Deep Learning in the Bozhong Sag – Q. Ying - Cnooc
09:50 Coffee Break					
10:10	Structural evolution of Poseidon – implications for CO2 storage in Late Triassic sandstones offshore Southern Norway – T. Hundebøl Hansen - University Of Oslo	10:10	Representative Geological Heterogeneity Indicators for Geothermal Reservoir Simulation – Y. Chen - Delft University Of Technology	10:10	Partial-Inpainting Vector-Quantized Network for Well-Log Reconstruction – W. Xiong - Southwest Petroleum University, China
10:30	Modeling optimal fracture numbers of arbitrary dimensions through a bisection search algorithm – S. Rivas-Dorado - Rock Flow Dynamics	10:30	Multiple Feed Zones as a Governing Mechanism for Pressure and Flow Oscillations in High-Enthalpy Geothermal Wells – M. Knott - Delft University of Technology	10:30	A Machine Learning approach to Probabilistic Pay Prediction in Wells – M. Servais - Halliburton
10:50	Identifying Scale-dependent Heterogeneity in Fracture Data – A. Roy - Indian Institute of Technology Kharagpur	10:50	Calcium Effects on Inhibition Mechanism and Performance of Two Polymer-Based Silicate Scale Inhibitors in Geothermal Brines – S. Mohammadi - Heriot-Watt University	10:50	New Probability Prediction Method for Shale Oil-Gas Sweet Spots via Source-Reservoir Units & Bayesian Neural Networks – Z. Zhencheng - China University Of Petroleum, Beijing
11:30 Break					
13:30 Poster session					
Depositional systems and Outcrop Analogues		DS-15. Minds, Models and Meaning - Bridging the Gap between Geoscience & Engineering		Petrophysics & Core Data-2	
14:30	Volcanic Hydrothermal Diagenesis and Its Implication for Reservoirs Formation in the Ordovician Limestone, Tarim Basin – T. Zhang - Petrochina Hangzhou Research Institute of Geology	14:30	Bridging the gap between geology, geophysics and flow physics: Insights from Sleipner CCS – P. Ringrose - NTNU	14:30	Integral Transform-Based Modeling Approach for NMR Permeability Assessment – B. Jin - College of Geophysics, China University of Petroleum (Beijing)
14:50	From virtual outcrops to synthetic seismic models: an end-to-end workflow bridging disciplines – S. Buckley - Fonix Geoscience AS	14:50	High-Resolution Modelling of Tarmat Geometry and Waterflood Sweep Dynamics – T. Al-Nasseri - Heriot Watt University	14:50	Petrophysical model to describe the hysteretic stress dependence of porosity – E. Manuel Ernesto - University of Miskolc
15:10	Using Virtual Outcrops as Analogues to the Subsurface – J. Howell - University Of Aberdeen	15:10	Using Simple Geological Sketches to Screen Connectivity Uncertainty and Dynamic Response – T. Watson -	15:10	Influence of minerals and laminae on shale mechanical properties: evidence from core mechanical experiments – G. Feng - China University of Petroleum (East China)
15:30	Facies-Conditioned Buffering: 3D DFN and $\delta^{13}C$-$\delta^{18}O$ Chemostratigraphy Map Structural Diagenesis in Isolated Rajamandala Platform Cikamuning Outcrops – A. Herlambang - King Fahd University Petroleum And Minerals	15:30	Less Modelling; More Characterization; Faster Value Realization – C. Hern - Shell		
15:50 Coffee Break					
16:10	Effects of scale and statistics on fracture modelling reliability using a fractured reservoir outcrop analogue – L. Micarelli - Beicip-Franlab	16:10	Simulation Sprints: an experiment-led approach to approximate accuracy – L. Johnson - OPC		
16:30	Sand Injection or Deposition: A Perspective From Mineral-Chemical Stratigraphy – W. Luzinski - University Of Aberdeen	16:30	Small Data, Big Uncertainty: Using geological knowledge to make machine learning useful for subsurface modelling – D. Arnold - Heriot-Watt University		
16:50	The East Irish Sea Basin and Managing the Offshore Energy Transition – D. McCarthy - British Geological Survey	16:50	Preaching to the Choir: Geomodelling Evangelising: Sin – Saviour - Salvation – J. Cottier - MMBbls Limited		
		17:10	Reservoir Modelling for the Energy Transition – S. Geiger - Delft University of Technology		



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ROOM 13 		ROOM 14 		ROOM 15 	
Rock Physics-2		DS-17. Picture This: From Complexity to Clear Communication		Full Waveform Inversion - Imaging-2	
08:30	An attenuative rock physics model for predicting gas saturation in tight sandstone reservoirs – C. Meng - Tongji University	08:30	Lost in illustration: the art (and science) of creating science graphics – L. Perez Diaz - .	08:30	150 Hz high-resolution FWI Imaging to de-risk Black Sea exploration – L. Janot - Viridien
08:50	Pressure- and frequency-dependent elastic moduli of fluid-saturated porous rocks based on the two-part Hooke's model – L. Deng - China University of Petroleum (East China)	08:50	A Year of Data Visualization in the Geoscience Industry: Can we do better ? – S. Horne - Silixa Ltd	08:50	Impedance Imaging Based on Full-Waveform Inversion: Application to Ocean-Bottom Node Data – S. Li - BGP, CNPC
09:10	Rock Physics-Informed Machine Learning for Vs Prediction of CO2 Storage in a Saline Aquifer, Offshore Norway – U. Durmus - University of Oslo	09:10	Subsurface Illustration for Effective Geo-communication: Maximising Impact and Accelerating Decision Making – C. Priddy - Define Geo-Graphics	09:10	Advancing subsurface imaging through FWI enabled hybrid acquisition workflows – B. Caselitz - TGS
09:30	Evolution of Patch Size Inferred from Frio-II CCS Seismic Monitoring – Q. Liu - China University of Petroleum (East China)	09:30	Making Complexity Visible: Designing for Understanding in Multi-Domain Subsurface Workflows – T. Marsh - Rock Flow Dynamics	09:30	FWI for DAS imaging with complex well trajectories: challenges and opportunities – N. Masmoudi - bp
09:50 Coffee Break					
10:10	Influence of Pore Scale Fluid Topology on Seismic Dispersion and Attenuation in Supercritical CO2 Displacing Brine – X. Wu - Tongji University	10:10	What's the Story? (and when less is more) – M. Bentley - TRACS Training	10:10	Identifying hydrocarbons with FWI-derived angle gathers from an augmented wave equation – K. Torres - DUG Technology
10:30	A new rock physics model to estimate the Brittleness Index – M. Fawad - Norwegian Geotechnical Institute (NGI)	10:30	Bending Bias – Nudging Decisions in the Right Direction – J. Parke - bp	10:30	Unlocking hydrocarbon migration pathways using targeted seismic acquisition and high-resolution full-waveform inversion with broadband data – M. Matta - SLB
10:50	The Impact of Felsic Laminae on the Anisotropy of Shale – Z. Cai - Sinopec Geophysical Research Institute Co., Ltd.	10:50	From Subsurface to social media: Turning complex geoscience into clear, engaging stories – L. Hendry - @scottishgeologist	10:50	Multi-component and multi-dataset MP-FWI – L. Letki - DUG Technology
11:10	Impact of foliation and fractures on seismic velocity anisotropy in lower crustal rocks – J. Li - Technical University of Leoben			11:10	Seismic imaging with FDR – a case study from Green Canyon in the Gulf of Mexico – W. Ibanez - SLB
11:30 Break					
13:30 Poster session					
Multi Component		Full Waveform Inversion - Velocities-4		Full Waveform Inversion - Imaging-3	
14:30	A 3D 6C ocean bottom seismic survey at the Bredablikk field. – M. Thompson - Equinor	14:30	Source-Independent Frequency-domain Elastic FWI by Weighted Multiplier Method – K. Aghazade - Institute of Geophysics, Polish Academy of Sciences	14:30	EFWI Imaging using surface waves and shear-wave reflections: case study from the Sultanate of Oman – M.S. Farooqui - Viridien
14:50	Application of Multicomponent Seismic Technology in Shale Gas Development in the Sichuan Basin, China – L. Han - Petrochina Research Institute Of Petroleum Exploration and Development Northwest	14:50	Time-lapse full-waveform inversion on short-offset towed-streamer data in the Barents Sea – H. Zheng - Viridien	14:50	Multi-parameter visco-elastic FWI for high-frequency reflectivity enhancement in a North Sea OBN survey – L. Zhang - SLB
15:10	Vertical geophone shear noise removal in shallow water OBS utilising the receiver ghost model – M. Elattar - SLB	15:10	Robust 4D FWI via Velocity Perturbation Reparameterization – X. Li - BGP GRI Overseas	15:10	From Acoustic to Elastic FWI: Impact on Suprasalt Reservoir Imaging – V. Vandrasi - Viridien
15:30	Joint Slope-Wavefield Reconstruction for Multicomponent Seismic Data – A. Kumar - Shearwater GeoServices	15:30	Advancing Legacy Streamer Data with Elastic Dynamic Matching Full Waveform Inversion: Campos Basin – Ø. Korsmo - TGS	15:30	Joint domain prestack full waveform impedance inversion: theory and ultra-high-frequency applications to compressive sensing data – L. Duan - BGP, CNPC
15:50 Coffee Break					
				ML & AI for Seismic Interpretation: Salt	
16:10	Stable up-down deconvolution system in shallow water OBS data via proper handling of the direct arrival – M. Elattar - SLB	16:10	Understanding variable wavefield illumination for implementing elastic FWI at Machar – P. Denman - Viridien	16:10	Velocity model editing via well-guided Denoising diffusion implicit models – F. Brandolin - KAUST
16:30	Optimal signature and stable combination of multi-source data – A. Kanrar - SLB	16:30	Generative diffusion models for shallow-to-deep seismic velocity model building – S. Cheng - KAUST	16:30	Interactive salt body interpretation for model building using Segment Anything Model 2 on Kwanza Basin dataset – D.F. Fernandez - SLB
16:50	A multi-component spectral matching method and its application in tight sandstone prediction – X. Guo - NWGI	16:50	Toward Fully Automatic, Parameter-Free Full-Waveform Inversion – K. Aghazade - Institute of Geophysics, Polish Academy of Sciences	16:50	A Unified T-UNet Framework for Stratigraphic Correlation, Horizon Interpretation, and Velocity Modeling – L. Liu - China University of Petroleum (Beijing)
17:10	Fluid prediction of carbonate reservoir based on PP- and PS-wave amplitude attribute – Q. Chen - NWGI, Petrochina	17:10	FWI with Homomorphic Wavelet-Shaping Preconditioning – A. Quiaro - University Of Alberta	17:10	A unified interactive framework for 3D seismic structural and geobody interpretation – N. Chen - University of Science and Technology of China



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ROOM 16 		ROOM 17	
Computer Science, Standards & Information Management - part 1		Site Characterisation for Windparks - 2	
08:30	Automating stewardship: reliability-first LLM framework for metadata extraction from legacy well reports – E. Maze - Totalenergies	08:30	Spotting boulders before they stop turbines: using forward modelling to optimise 3D EHRS acquisition and processing – N. Woodburn - Rockwave
08:50	Dynamic GeoCopilot: Autonomous LLM-Based Multi-Agent Platform for Real-Time Geological and Surface Logging Interpretation – M. Jacinto - Geowelllex	08:50	Optimized UHR seismic data acquisition for high-quality imaging and quantitative interpretation – S. Wenau - TKMS MARIDAN ApS Germany
09:10	Unlocking Subsurface Value - Digitizing 2,000+ Legacy Well Schematics Via Generative AI For Enhanced Asset Management – W. Thienthanukit - PTTEP	09:10	Leveraging deep learning to optimize the processing of large-scale UHR marine seismic datasets – A. Bauer - Fraunhofer Institute for Wind Energy Systems IWES
09:30	Scalable Well Data Curation: Validating a Brazilian Open-Source Strategy on the North Sea Volve Dataset – M.E. Francisco - Federal University Of Rio De Janeiro (UFRJ)	09:30	Surface-wave inversion for damping ratio: do higher modes matter? – F. Wang - Technische Universiteit Delft
09:50	Coffee Break	Waste Management and Storage	
10:10	Text-to-Tag: Data Discovery in the UK National Data Repository using a Large Language Model – J. Selvage - Osokey Ltd	10:10	Controls on maximum magnitude for induced earthquakes in the southern Delaware Basin, Texas – J. Verdon - University of Bristol
10:30	Artificial Intelligence in Cement Barrier Quality Assessment: A Complete Real-Case Workflow – G. Bessa - Oronova	10:30	LowPerm: Development and testing of a standard for permeability measurements of tight rocks – C.R. Dietl - Federal Office for the Safety of Nuclear Waste Management (BASE)
10:50	From Spreadsheets to Integrated Digital Solutions: A Digital Twinning Approach – N. Omokughegbe - bp	10:50	Dynamic Simulation and Experimental Validation of MOF-Based TVSA Process for Direct Air Capture – M. Nasiri Ghiri - University Of Lancashire
11:10	E-DALE: End-to-End Domain Adaptation for Large Language Models in the Energy Sector – I. Sarhan - Shell Information Technology International B.V.	11:10	Sensitivity Analysis of Operational Parameters for MOF-Based TVSA Direct Air Capture: Design Guidelines and Performance Trade-Offs – M. Nasiri Ghiri - University Of Lancashire
11:30	Break		
13:30	Poster session	DS-24. Marine Geohazards and Geo-Engineering Constraints on the Glaciated European Margins	
14:30	Toward a Geomodelling Digital twin: Starting by Projects & Workflow Activities platform improvements – J. RAINAUD - Geosiris	14:30	Marine geohazards and geo-engineering constraints on the glaciated European margins: An Overview – B. Bellwald - Norwegian Geotechnical Institute (NGI); University of Bergen
14:50	From Legacy Reports to Actionable Insights: Generative AI for Subsurface Data Transformation – C. Badis - Halliburton	14:50	Composition and strength variability of glacial landforms: implications for geo-engineering constraints – H. Stewart - Kelpie Geoscience Ltd.
15:10	HPC Wave Equation Solvers on Dataflow Architectures – R. Lago - NextSilicon	15:10	Small-scale Glacial and Periglacial Discontinuities: Nuisance or Key Constraint for Offshore Wind Engineering? – B. Kurjanski - University of Aberdeen
15:30	Speedup of 3D Reverse Time Migration via SYCL: BLAS-Reformulated Imaging and Asynchronous Execution on Multi-Core CPUs – A. Wzykowski - Senai Cimatic	15:30	BP Clair Field: Engineering Challenges in a Former Ice-marginal Glacial Setting – G. Wood - BP Exploration Operating Co
15:50	Coffee Break	16:10	Using Synthetic Aperture Sonar for Accurately Characterising Glacial Sediments Exposed at the Seabed – S. Griffiths - Kraken Robotics
		16:30	A workflow for optimising scientific drilling in the North Sea: IODP Expedition 507 – A. Newton - Queen's University Belfast
		16:50	'Quiet' Geo-Engineering Constraints in the Shallow Subsurface – G. Carter - Arup



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ROOM 18		ROOM 19	
DS-11. Geochemistry and low carbon minerals/mining session		Multi-Disciplinary Studies - part 1	
08:30	Geochemical Carbon Capture in Clay Minerals: Implications for Sustainable Mining and the Built Environment – S. Rezaei Gomari - Teesside University	08:30	Reveal and Implicate. Potential of the Mauddud Carbonate Formation in the Greater Burgan Field, Kuwait – V. Gabrielyants - SLB
09:10	H2S Mineralisation through Iron-Bearing Minerals Interactions in Carbonate Systems – K. Jarrhian - PETRONAS Global Research and Technology Centre	08:50	Strategic Geohazards Assessment Integrating Multi-Disciplinary Data Enabled Cost-effective Geotechnical Acquisition – M. Jana - bp
09:30	A Geophysical Exploration Framework to Develop Lithium Carbonate Prospects from Geothermal Brine in the North Pennines – A. Hardwick - Lithothermal Resources Ltd	09:10	Subsurface characterisation of carbonate-hosted Zn-Pb deposits in southwest Ireland through integrated petrophysics and geophysical inversions – V. Susin - UCD School of Earth Sciences; Research Ireland Centre for Applied Geosciences (iCRAG)
09:50	Coffee Break	09:30	Tectono-stratigraphic framework and hydrocarbon potential of the Kwanza and Benguela pre-salt basins: multi-scale data integration – M. Uzcategui - SLB
10:10	Understanding subsurface geochemical interactions through experimental and numerical modeling: A study from core to pore scale. – S. Malik - Kaunas University of Technology, Kaunas, Lithuania	10:10	Integrating Regional Modelling and 4D Seismic for Predicting Pre-Production Fluid Contact Variation in Mature Basins – S. Adamson - Aker BP ASA
10:30	Are Non-Ideal Ion Activity Models Necessary for CO2 Storage Modelling? – S. Rashidi - Coventry University	10:30	Multidisciplinary Surface Logging Approach for the Unconventional Potential Assessment of Dnieper-Donets Basin V-23 Hot Shales (Ukraine) – S. Levoniuk - Ukrgasvydobuvannya
10:50	Geochemical Feasibility of In-situ CO2 Mineralisation in the Whin Sill, Northern England, UK – A. Amiri - Teesside University		
11:30	Break		
13:30	Poster session		
DS-04. Critical Minerals Exploration: Enabling the Future of Renewable Energy		Multi-Disciplinary Studies - part 2	
14:30	Innovative geochemical and geophysical methods applied to critical mineral exploration in Aberdeenshire, northeast Scotland – E. Thompson - Aberdeen Minerals	14:30	Advanced Well Design and Completion in The Burgan Field Using Advanced Logging and Reservoir Modeling Techniques – O. Alzankawi - Kuwait Oil Company
14:50	Geothermal lithium in Alsace at the heart of the energy transition in France. – R. Millot - Lithium De France	14:50	Paleobathymetry and Paleocyanographic Implications of Early Miocene Agglutinated Foraminiferal Morphotypes from Offshore Niger Delta – B. Adebambo - Obafemi Awolowo University
15:10	Interdisciplinary development of prototypes for critical mineral exploration in NE Scotland, the Moon and Mars – J. Armstrong - University of Aberdeen	15:10	Fault sealing analysis integrating shale gouge ratio methods with seismic inversion results – L. Micarelli - Beicip-Franlab
15:30	Approaches to understanding critical mineral prospectivity – K. Goodenough - British Geological Survey	15:30	Latent Autoregressive Video Diffusion Models for Fluid Flow Simulations – V. De Pellegrini - KAUST
15:50	Coffee Break		
Environment, Minerals and Infrastructure - part 2			
16:10	Reflection seismic survey of a Ni-Cu-PGE bearing magmatic mafic-ultramafic system near Sala, Sweden – J. Putnaite - Uppsala University	16:10	Optimizing Waterflood Strategy in Field X: Pilot Results from Horizontal Injection in Multi-Stacked Clastic Reservoirs – M. Alabri - Petroleum Development Oman
16:30	New Insights into Rock Heterogeneity in Complex Formations Using Multifrequency Dielectric Technique: Implications for Mineral Exploration – A. Hassan - King Fahd University Of Petroleum & Minerals (kfupm)	16:30	Asset and Well Trajectory Optimizer (AWTO) – V. Azimov - bp Exploration (Caspian Sea) Ltd
16:50	Using active- and ambient-noise-source seismic data to map subsurface structures influencing saltwater emergence – A. Kaslihar - Uppsala University	16:50	An Enhanced Gas-Saturation Quantification Method Using Multi-Detector Pulsed Neutron Logging in Tight Sandstone Reservoirs – X. Zhang - China University of Petroleum (East China)
		17:10	Reduced Uncertainty of Subsurface Wellbore Positioning Leading to Improved Geological Modeling in Multi-lateral HaHz Wellbores – H. Bolt - DwpD Ltd., Depth Solutions



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POSTER AREA	
Poster session 1B Geophysics - Seismic Acquisition & Processing - 3	
13:30	<p>Reducing land near-surface seismic noise using optimized phase arrays for sources and receivers – C. Stork - Land Seismic Noise Specialists</p> <p>PP and PS waves registration based on a robust cross-correlation-based DTW method – Y. Tang - China University of Petroleum (Beijing)</p> <p>Elastic wave radiation and reception of a borehole source in permeable porous formations – X. Gu - Chengdu University of Technology</p> <p>Comparison of PS logger with other borehole seismic methods in a slow (fractured chalk) formation – R. Hen-Jones - Robertson Geo</p> <p>Convexification of Waveform Inversion by Carleman Estimates: The 1D Inverse problem – A. Vishwakarma - Institute of Geophysics, Polish Academy of Sciences</p> <p>Comparison of Fiber-Optic Cable Deployment Strategies inside Geothermal Borehole using Active DAS VSP – R. Chauvet - Febus Optics</p> <p>Ambient noise characterisation with three-component beamforming to inform and improve interferometric Green's function estimates – K. Løer - TU Delft</p> <p>Construction of VSG from Ambient Noise Using Crosscorrelation Interferometry: Insights from the Kepuh Passive Seismic Survey – W. Suryanto - Universitas Gadjah Mada</p>
Poster session 1C Geophysics - Seismic Processing - 3	
13:30	<p>Incorporating Spatial Variability of Source Wavelets in a Robust CL-SRME Framework for Offshore Wind Seismic Data – B. Hu - Jilin University</p> <p>Research on amplitude-compensated 3D Marchenko multiple elimination – Z. Liao - China University Of Petroleum-beijing</p> <p>Research and Application of Compressed Sensing Fidelity-Preserving Frequency Extension Technology for Resolution Improvement in Thin Reservoirs – L. Hui - Exploration And Development Research Institute Of Daqing Oilfield Co., Ltd.</p> <p>Strong Shielding Suppression Method Using Convolutional Dictionary Learning and Spatial Reflection Structure Regularization – L. Han - China University of Petroleum (Beijing)</p> <p>Seismic Frequency Extrapolation in Complex Overburden Areas Using Deep Learning: A Loess Plateau Case Study – G. Chen - Zhejiang University</p>
Poster session 1D Geophysics - Seismic Velocities & Imaging - 3	
13:30	<p>Texas Permian Basin wave velocity model update and model resolution – E. Parastatidis - The University Of Texas At Austin</p> <p>Finite-Difference Modeling of Viscoelastic Wave Propagation in TTI Media – F. Capuzzo - GISIS / UFF</p> <p>Numerical simulation of the Helmholtz equation via PINO and Gaussian source encoding – X. Zhou - Harbin Institute of Technology</p> <p>Point-Like Source Injection Strategy for Rotated Staggered Grid – F. Capuzzo - UFF/GISIS</p> <p>Q-Compensated Image-Domain Least-Squares Reverse Time Migration Using Curvelet-Domain Hessian Approximation – S. Laiyuan - China University of Petroleum (East China)</p> <p>Estimating changes in scattering strength in a 2D multiply-scattering medium – S. Van Meulebrouck - Delft University of Technology</p> <p>A Diffusion-Based Scattering-Angle Filtering Approach for Full Waveform Inversion Using the Spectral Element Method – R. Djebbi - Shearwater GeoServices</p> <p>SSIM-FWI: Repurposing the Structural Similarity as a Data-Fitting Metric for Robust FWI – L. He - Jilin University</p> <p>Extended-space multiplier-oriented elastic full-waveform inversion in the time domain – M. Sonbolestan - Institute of Geophysics, Polish Academy of Sciences</p> <p>Re-discovering vintage 2D seismic data using full-waveform inversion (FWI): A source of information re-opened offshore Mexico – F. Perez Ortega - SLB</p> <p>RTM method of prismatic-waves under the undulating surface: A case study on the imaging high-steep structures – B. Ma - Research Institute of Petroleum Exploration & Development-Northwest (NWGI), PetroChina</p> <p>Establishment of Typical Geological Models, Modeling, and Imaging in the Piedmont Thrust Belt of Southwest Tarim – A. Ma - Tarim Oilfield Company, CNPC; Engineering Research Center for Ultra-Deep Complex Reservoir Exploration and Development; R&D Center for Ultra-Deep Complex Reservoir Exploration and Development Technology, CNPC</p> <p>Robustness of monoparameter Vs-only 2D elastic FWI for a man-made gravel test site – G. Esmailikhansari - Karlsruhe Institute Of Technology</p> <p>Intelligent reconstruction and inversion of passive seismic data based on physical Guidance – W. Huang - Jilin university</p>

Did you know?

Aberdeen's **Tivoli Theatre** has entertained audiences since **1872**. First opened as **Her Majesty's Opera House**, it later became the Tivoli and welcomed famous performers including **Stan Laurel**, **Charlie Chaplin** and **Julie Andrews**. After restoration, it remains one of the city's most distinctive cultural landmarks.



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Poster session 1E Geophysics - Seismic Interpretation - 3

13:30	Linearized Rock Physics Driven Stochastic Inversion for Reservoir Petrophysical Parameters – Y. Zhang - China University Of Petroleum, Beijing
	Coordinate-Encoded Deep Learning for AVO Inversion via Transfer Learning – H. Zhao - School of Info. & Comm. Eng., Xi'an Jiaotong Univ.
	Porosity-involved fluid factor construction method and application – Y. Ji - SINOPEC Geophysical Research Institute
	Joint data-driven and physics-guided deep-learning inversion of seismic impedance for thin-bed reservoirs – X. Sun - Institute of Advanced Technology, University of Science and Technology of China
	High-Resolution Time-Frequency Analysis for Characterizing Fracture-Cavity Carbonate Reservoir Effectiveness – H. Wu - Sinopec Geophysical Research Institute
	On the Effect of Time-Lapse Anisotropy on Pre-stack Time-Shifts – S. Izadian - Heriot-Watt University
	Evaluating CO2 Storage Monitoring in Naturally Fractured Carbonate Reservoirs Using Coupled Geomechanical-Flow and Seismic Modelling – P.H. Silvano Sales - Oxford University; Petrobras S.A.
	Radiating seismoelectric reflection at porous-porous interfaces: elastic versus electrical impedance contrasts – Y. Liu - Eindhoven University of Technology
	Study on the expanding correction in compensated acoustic logging – L. Minlong - Geophysical Research Institute Of Shengli Oilfield Co. Ltd
	Shear wave velocity estimation using adaptive neural network: sensitivity analysis of lithology – J. Sharifi - Ferdowsi University of Mashhad
	Application of Traveltime Versus Azimuth (TVAZ) Anisotropy for Fracture Prediction in the Xujiache Formation Tight Sandstones – Y. Lanlan - SINOPEC
	Fracture detection using new attributes extracted from modified azimuthal elastic impedance in orthorhombic media – B. Wang - China University of Petroleum (East China)
	Vote-Enhanced Seismic Discontinuity Characterization Method – Y. Wu - Southwest Petroleum University
	An enhanced method for automatic fault tracking via optimal path voting with the LoG operator – L. Yin - Sinopec Petroleum Geophysical Technology Research Institute Co., Ltd.
	Seismic Imaging of Sub-Vertical Dykes and Magmatic Plumbing in the Potiguar Basin, Brazilian Equatorial Margin – K. Leopoldino - Innovation and Research Group in Energy and Mineral Resources (GIPEM); Program of Post-Graduation in Geology, Ceará Federal University
	Fault Recognition and fault surface extraction using Swin-Transformer V2 from 3D seismic data – S. Shekhawat - IIT Kanpur
	Implicit Structural Modeling via Generative Diffusion Frameworks – Y. Dou - University of Science and Technology of China
	A CBAM-based seismic inversion method for small-scale training datasets – L. Yang - Sinopec Geophysical Research Institute Co., Ltd.

Poster session 2. Geology - 3

13:30	Petrophysical analysis for pore-type and lithotypes characterization in the Barra Velha Formation, Búzios oilfield, Brazil – E. Pereira Leite - Institute of Geosciences - University of Campinas
	Revolutionizing Reserves and Resources Evaluation Through Petrophysical Intelligence – S. Kumar - Kuwait Foreign Petroleum Exploration Company (KUFPEC)
	Petrophysical Characterization and Rock Physics Feasibility in Deepwater Reservoirs: Case Study of the Sergipe-Alagoas Basin, Brazil – E. Pereira Leite - Institute of Geosciences - University of Campinas
	A Novel Method for Anisotropy Detection from Azimuthal Monopole Acoustic Data – L. Zhang - China National Petroleum Corporation
	Restoring Travel Time and Acoustic Integrity of Acoustic Borehole Images: Correcting Scattering and Eccentricity Artifacts – M. Jacinto - Geowellx
	Integrating Electrofacies and RQI/FZI/HFU for Waterflood Recovery Analysis on Miranga Field, Recôncavo Basin, Brazil. – G. Sestelo - Petreoreconcavo
	Evaluation of Shale Oil Mobility in the Second Member of Kongdian Formation – W. La - China University Of Petroleum (east China)
	Re-Os Dating of Hydrocarbon Charging History in Central Iraq – Y. Li - China ZhenHuaOil Co., Ltd.
	Diagenetic Process in the Aptian Pre-Salt Reservoirs, Northern Campos Basin, Brazil – A. Souza dos Santos - Universidade Federal do Rio Grande do Sul
	Integrated Reservoir Characterization for Development and Recovery Optimization of a Mature Turbidite Field, Recôncavo Basin, Brazil. – G. Sestelo - Petreoreconcavo
	A Hybrid Particle-in-Cell Framework for Process-based Clastic Stratigraphic Forward Modelling – Y. Zhang - BGP Inc., China National Petroleum Corporation; National Engineering Research Center of Oil&Gas Exploration Computer Software
	A Re-evaluation of Lithostratigraphic Correlations in the East Irish Sea Basin – K. Wright - British Geological Survey
	Machine-learning-based, Inter-channel-belt-scale predictions of an unconventional reservoir analogue: Cretaceous Blackhawk Formation, Wasatch Plateau, Utah, USA – G.J. Gupta - Indian Institute of Technology Kanpur
	Re-evaluation of the Crosh Vusta Fault Complex: Structural evolution of the East Irish Sea Basin – M. Duncan - British Geological Survey
	Automatic Well-Top Picking and Stratigraphic Correlation: A case study in the Jiangnan Basin, South China – S. Cai - Sinopec
	Intra-Plate Crustal Restoration of the North Sea: Late Silurian to Present Day – K. Powell - University Of Stavanger
	Modelling the 3D architecture of a West-African turbidite reservoir using FLUMY, a conditioned process-based tool – F. Raison - TotalEnergies OneTech



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Thursday 11 June | Poster presentations

Last updated 1 May 2026

Poster session 3. Petroleum and Reservoir Engineering - 3	
13:30	Competitive Adsorption Mechanism and Staged Water-Injection Strategy for Coalbed Methane under In-Situ High Pressure-Temperature Conditions – W. Si - Tongji University
	A Derivative-Free Optimization Framework for Production Control Using Full-Physics Reservoir Simulation – M. Hasan Nezhad - University of São Paulo
	Low-Footprint Gas-Lift Demulsifier Injection for Slug Mitigation and Production Uplift in a Mature Field – T. Eyyubbayli - bp
	Polymer Flooding in Marmul Field: Insights from Fifteen Years of Field Performance – O. Riyami - Petroleum Development Oman
	A Multimodal Pre-training Approach for Cementing Quality Evaluation with Limited Labelled Data – M. Kang - China University of Petroleum (Beijing)
	Hybrid AI for Early Stuck Pipe Prediction – S. Verma - Halliburton
	ANALYSIS OF FOUNDATION-MODEL SATELLITE EMBEDDINGS FOR GAS FLARING DETECTION AND CLASSIFICATION, IN VACA MUERTA, ARGENTINA – F. Fernandez Criscuolo - ITBA
	An Integral Method to Accurately Obtain Inter-block Transmissibility and Well-Index Terms in Gas Reservoir Simulations – S. Goodarziyan - Heriot-watt University
	Integration of 4D Seismic and Reservoir Simulation for Identification of Bypassed Oil – A. Kumar - Rajiv Gandhi Institute Of Petroleum Technology
Poster session 4. Integrated Subsurface - 3	
13:30	Hydrocarbon Prospectivity Analysis of Pre-Tertiary Sequences in the Ganga Basin, India – J. Argal - Rajiv Gandhi Institute of Petroleum Technology
	A Novel Imaging Optimization Method for X-Ray Forward-Looking Based on Voxel-Morphological Poisson Reconstruction – L. Zhong - China University of Petroleum (East China)
	Integrated Modeling and Sweet Spot Evaluation for Optimizing Offshore Shale Oil Development in Complex Rift Basins – Z. Zhang
	Prediction of Gas-Bearing Properties in Shale Formations Using Multi-Wave Seismic Data – H. Wang - Southwest Petroleum University; RIVED, PetroChina
Poster session 5. Energy Transition - 3	
13:30	CO2 sorptive storage capacity of organic-rich shale and coal beds from Paraná Basin, Brazil – H. Rocha - University of São Paulo (USP)
	Reactivity of Basalts and Dolerites from Northeastern Brazil in carbonated water: Petrophysical and Mineralogical Evaluation – A. Macrina - Federal University Of Pernambuco
	The Development of Long-term Regional Monitoring Programmes for Marine Industries – H. Tilley
	Elastic inverse scattering and perturbation for carbon dioxide geological storage monitoring with time-lapse seismic data – X. Zhang - China University of Petroleum, East China
	Study of Caprock Integrity of a Depleted Gas Reservoir During CO2 Storage in Brazilian Northeast – F.L. Damascena Silva - Federal University Of Ceara
	Selected Engineering Aspects of Underground LNG Storage in Abandoned Mine Shafts: Concept and Safety Challenges – K. KOŁODZIEJ - Silesian University Of Technology
	Prospectivity of Natural Hydrogen in Sedimentary Systems of the Middle Magdalena Valley Basin (MMVB), Colombia – S. Lozada - Universidad Nacional De Colombia
	Pore-scale modelling of CO2 flow and transport in porous media: A Volume of Solid approach – G.E. Stewart - Heriot-watt University
	Drilling and Evaluation Challenges in a Metamorphic Closed-Loop Geothermal Feasibility Well – C. Ciuperca - Weatherford
	CO2, Nanoparticle, and Waste-Heat Assisted Closed-Loop Geothermal Systems for Scalable, Low-Risk Global Energy Deployment – A. Bhattacharjee - Rajiv Gandhi Institute Of Petroleum Technology
Poster session 7. Computer Science, Standards & Information Management	
13:30	E-SynGen: Topic-based Synthetic Data Generation for Energy-Domain LLMs (Methods, Usage, and Early Results) – I. Sarhan - Shell Information Technology International B.V.
	Software evolution for seismic processing and imaging: workflow extensibility and generative AI – M. Speziali - SLB
	Unlocking the Value of Geological Archives for the UK Energy Transition – D. Condon - British Geological Survey
	Groundwater Level Forecasting using BiLSTM and CNN-BiLSTM Models: A case study for Ruataniwha Basin, New Zealand

Did you know?

Dolphins are a regular sight along Aberdeen's coastline. Spots like **Torry Battery** are well known for sightings of **bottlenose dolphins**, and the wider Aberdeenshire coast is also visited by **white-beaked dolphins**. It is one of the city's most memorable natural attractions.



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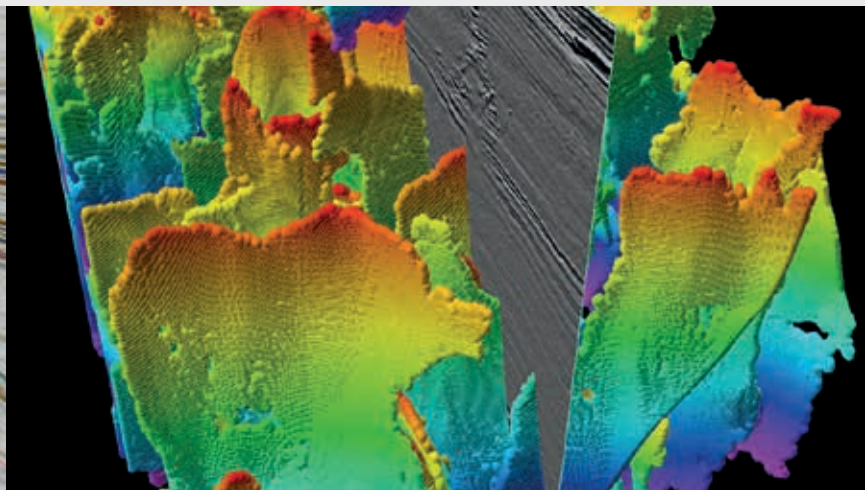
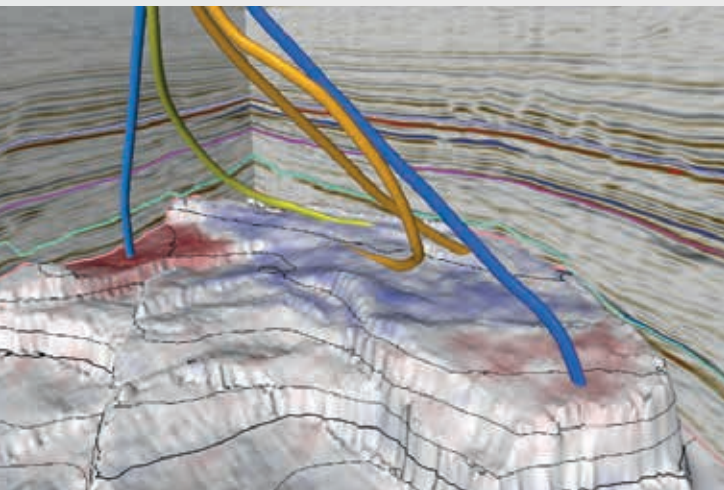
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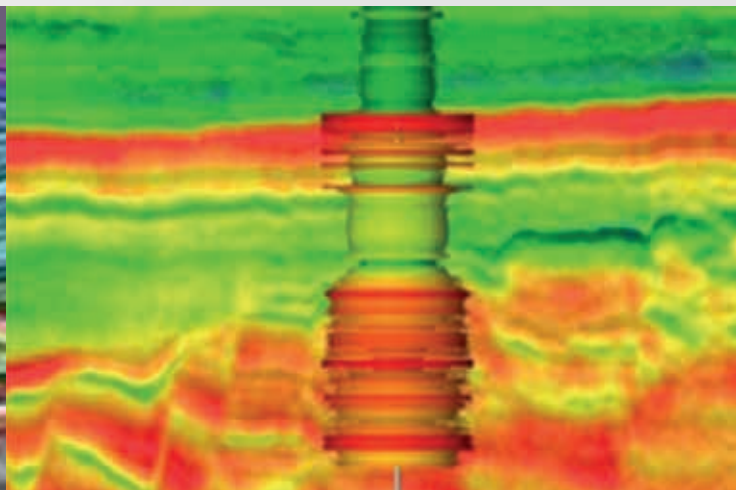
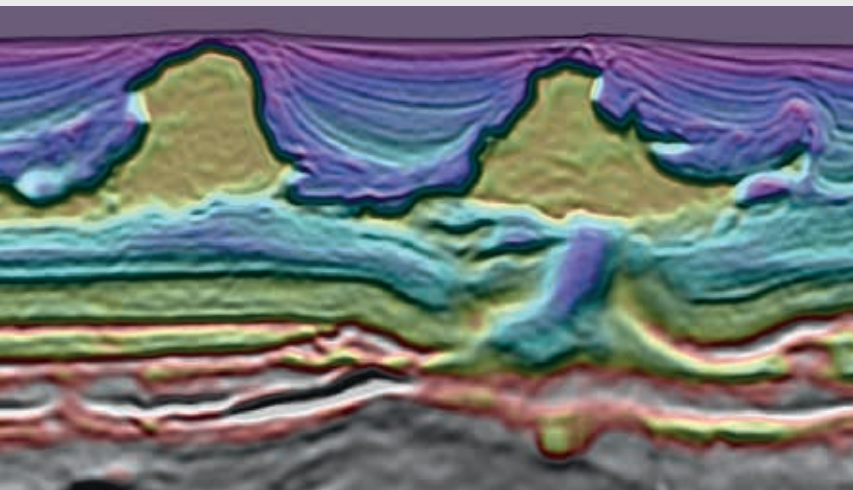
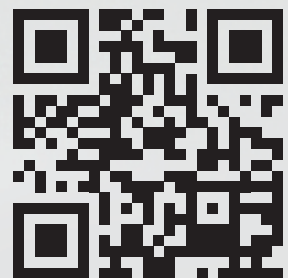
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Exhibition Theatre Programme

Tuesday 9 June – Engineering Theatre, Digital Transformation Area

Last updated 1 May 2026

NEW ENGINEERING THEATRE (HALL 1)	
DEEP DIVE SESSION: Integration of surveillance data from the reservoir, wells and topsides to understand field performance and reduce surprises! Moderator: C. Davies - bp	
09:50	Advanced Gas Lift Optimisation – F. Ragbirsingh - CNOOC
10:10	Integration of Subsurface and Surface data for maximum understanding and rapid decision making in CCS – J. Wheelwright - DGI
10:30	Acid Fracturing with Single-Phase Retarded Acid Systems: A Comparative Study with Emulsified Acid Systems – Q. Sahu - Saudi Aramco
PANEL DISCUSSION: Carbon Capture & the Challenges getting the CO2 to the Reservoir Moderator: H. Sizoo - bp	
12:45	Panelists
-	• Miriam Gordon - Department for Energy Security and Net Zero
13:45	• Daphne Wiggers de Vries - TNO/ Porthos
	• Nihal Darraj - Imperial College
DEEP DIVE SESSION: Water Shutoffs, Injection & Conformance Moderator: C. Shields - Serica Energy	
14:00	Unlocking Low-Cost Barrels: 4D Monitoring Triggering Production Optimization Through Well Intervention – Y. ARROUB - TotalEnergies
14:20	Field-Validated Performance of Organic Oil Recovery in Mature Waterfloods: Production Response, Water-Cut Reduction, and Economic Insights – L.T. Lezama Viveros - Hunting Energy Services
14:40	Improving Water Injection Vertical Conformance in the Mishrif Carbonate Reservoir – C. Hammond - bp

DIGITAL TRANSFORMATION AREA (HALL 1)	
LIGHTNING TALKS SESSION: ML & AI in Subsurface: Part I Moderator: K.M. St Clair - bp	
09:50	From Subsurface to Software: How AI Is Creating Tangible Value With Geoscience Applications – J. Razza - Eliis
10:00	Let AI Crunch the Data so Geoscientists Can Crack the Insights – K. St Clair - bp
10:10	AI Drift in Imaging Systems: Translating Lessons from Medicine to Oil & Gas – L. Anderson - University of Aberdeen
10:20	Trusted Interpretation AI: Unlocking Value through Control – C. Msika - Emerson
10:30	FormationEval, an open multiple-choice benchmark for petroleum geoscience – A. Ermilov - UiT Norges arktiske universitet
10:40	Unlocking Data: Generative AI as an Assistant – A. Imrie - bp
10:50	Interviewing the Subsurface: Natural Language AI Workflows in Spotfire for Geoscientists and Engineers – D. Scherer - Spotfire
11:00	Solving Geological Top Picking With Gen AI – D.M. Austin- Sekal AS
11:10	The First Mile of Digital Transformation: Why Data Foundations Still Make or Break AI in Geoscience – J. Tran - OvationData Ltd.
11:20	A scalable framework for agentic AI in O&G, demonstrated through application to the PETEX toolkit – R. Hammerson - bp
Sponsor Presentation	
11:30	Scaling Subsurface Expertise with Agent-Based Workflows in Spotfire – M. O'Connell & D. Scherer - Spotfire
12:00	
12:05	Integrated subsurface technologies - Future. Now! - Transforming Subsurface Workflows with Hybrid AI/HPC Accelerated Computing – D. Holmes - Dell
12:35	Technologies & N Moridis - NVIDIA
PANEL DISCUSSION GenAI in Subsurface Moderator: G. Edwards - bp	
12:45	Panelists
-	• H. Tharkabhushanam - bp
13:45	• J. Etkind - ThinkOnward
	• R. Menon - Bluware
Hackathon Results and Winning Presentations Organized by the EAGE Technical Community on AI	
14:00	Presentation by the winning team
Introduction and demo of EAGE's EarthdocAI	
14:45	Introduction and demo of EAGE's EarthdocAI
DEEP DIVE SESSION: Using AI to Transform Old Fashioned Drilling Operations Moderator: T. Dancy - Dancy Energy	
15:30	bp's Asset & Well Trajectory Optimizer – S. Hemmings - bp
15:50	Accelerating Well Construction Decisions Through AI-Powered Surface Logging Innovations – I. Fornasier - SLB
16:10	Beyond NPT: Reducing Data Downtime in Drilling with GenAI-Derived Operational Insight – S. Sengupta - Geologix Limited

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Tuesday 9 June – Energy Transition Area, International Prospecting Centre

Last updated 1 May 2026

ENERGY TRANSITION AREA (HALL 2)	
Empowering Future GeoEnergy Leaders Organized by the EAGE Mentoring Programme	
10:30	Technical Communication-bridging technical and non-technical audiences – R. Scully - Independent Consultant Why Do I Want to Become a Geomechanicist? – T. Finkbeiner - KAUST
Breaking In and Standing Out: Young Professionals Navigating a Changing Energy Landscape Organized by the EAGE Young Professionals Special Interest Community	
11:30	Panelists <ul style="list-style-type: none"> Alexandra Coultard – bp Chukwunonso Ikiliagwu – Renaissance Africa Energy Company Dr. Anne Domzig – ADG GeoConsulting Ltd. Gerardo Gaitan – S&P Global Marcella Cilia – President, AAPG Europe YP
Attracting Talent to Geoscience: How Industry Can Help Shape the Next Generation Organized by the EAGE Geoscience Communication and Public Engagement Special Interest Community	
13:20	Panelists <ul style="list-style-type: none"> E. Wiarda - EBN C. Rodríguez Rondón - Harbour Energy C. Cotterill - NGI
Exhibition Tour & Education Hunt	
14:30	Student activity
EAGE Global GeoQuiz	
15:00	Student activity

IPC AREA	
REGIONAL HIGHLIGHTS - Africa	
10:30	Keynote Title TBC – G. Bagley - Westwood Global Energy
11:00	Angola Oil & Gas Exploration: Recent Developments & Outlook – M. Peliganga - ASGA
11:10	Tunisia Exploration Opportunities – E. ElChahtour - ETAP
11:20	Angola at 50: The comeback Story? – C. Thomas - Striped Horse
11:30	Presentation TBC
11:40	Regional Geology of Libya: Unlocking Petroleum Systems from Basin Architecture to Strategic Exploration Insights – S. El-Ekhrifi - NOC
LUNCH AND LEARN PANEL DISCUSSION (TBC) Moderator: P. Sinclair - AOW	
13:20	Panelists <ul style="list-style-type: none"> F. Lai - NOCAL (Liberia) R. Holden - TGS O. Cecilia Ajayi - NAPE Z. Xu - Viridien A. Aziz - NOC
REGIONAL HIGHLIGHTS - Asia and Pacific	
15:00	TBC
15:20	TBC
15:30	TBC
15:40	TBC
15:50	TBC
16:00	TBC
OUTLOOK SESSION	
16:10	TBC

Did you know?

Aberdeen is considered one of the **luckiest places in the UK**. The **AB postcode** is often ranked among the country's luckiest, with **more than 47 lottery millionaires** created across **Aberdeenshire**. Residents have also scooped **276 prizes of over £50,000**, making it a place with a remarkable record of life-changing wins.

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Exhibition Theatre Programme

Wednesday 10 June – Engineering Theatre, Digital Transformation Area

Last updated 1 May 2026

NEW ENGINEERING THEATRE (HALL 1)	
DEEP DIVE SESSION: Scaling Moderator: C. Shields - Serica Energy	
09:50	Unlocking magnesian calcite to drive effective treatment options for this unusual foulant – H. Bourne - bp
10:10	Breaking Barriers to Effectively Increase Production with Pulsed Power – C. McKenzie - Blue Spark Energy
10:30	Unexpected Barium Sulphate Scaling and Impact on Openhole Gravel Pack Wells' Productivity – C. Hammond - bp
DEEP DIVE SESSION: Developing Projects at Pace through Integration Excellence Moderator: C. Davies - bp	
12:45	Integrating PPFPG Prediction into Automatic Well Trajectory Optimization for Faster Concept Screening – F. Akhundova - bp
13:05	Victory: Unlocking West of Shetlands Gas – C. Carleton - Adura
13:25	Presentation TBC – J. Prefontaine - S&P Global
Perspectives on Geomechanics in the Energy Landscape Organized by the EAGE Technical Community on Geomechanics	
14:00	Fire and Feedback - Mechanical Limits in Energy Systems – A.S. Wendt - SLB
14:20	From Drilling Support to Field Stewardship: The Expanding Role of Geomechanics – A.G. Ceyhan - Turkish Petroleum
14:40	Sustainable Energy Storage – Geomechanics insights from Design, P&A and Monitoring – R. Guises - Baker Hughes

DIGITAL TRANSFORMATION AREA (HALL 1)	
LIGHTNING TALKS SESSION: Driving Standardisation & Management with OSDU Moderator: T. Dancy - Dancy Energy	
09:50	Petrophysics-PPFG Global Standardisation in Action: Adaptive Digital Strategies and OSDU Empowerment Through Quick-Wins and Strategic Engagements – F. Gurbanov - bp
10:00	Betting on Data: How the OSDU® Data Platform Reduces the Odds of Uncertainty – E. Landre - Equinor
10:10	Driving Standardisation & Data Management with OSDU in the AI Era – E. Robert - TotalEnergies
10:20	Digital Management of Large Multi-Disciplinary Data – The case for OSDU for CCS – J. Wheelwright - DGI
10:30	Breaking Silos Between Disciplines: A Data-Centric Approach to Subsurface Collaboration – J. Tran - OvationData Ltd.
10:40	Standards as the Foundation for Trustworthy AI – Why OSDU Matters More in an Agentic World – R. Jayan Menon - Bluware
10:50	What does OSDU need to provide to convince this practitioner of its usefulness and transformative power – J. Herwanger - Sharp Reflections
Industry Presentation	
11:30	Reservoir Geophysics Integrated Seismic Forward Modeling—Bridging Reservoir Property Analysis and Seismic Interpretation – A. Zhang - COLCHIS
11:55	Long-Term Clock Holdover Solutions for Ocean Bottom Nodes (OBN) in Marine Geophysical Exploration – C. Lui - Dapu Technologies
PANEL DISCUSSION: The 2026 Open for Energy workshop results: new energy for open code & data Moderator: Guillermo Vargas - Shell	
12:45	Panelists
-	• Sergey Fomel - UT Austin
13:45	• Nanne Hemstra - dGB Earth Sciences
	• Collin Cronkite-Ratcliff - USGS
The HPC-AI Society Panel: The Great Cloud Computing Debate: On-Prem vs. Public Cloud vs. Hybrid. And what does it mean for AI?	
14:00	Panelists
	• TBC
	• TBC
PANEL DISCUSSION: DIGITAL OILFIELD of the FUTURE Moderator: T. Edwards - StepChange Global	
15:30	Panelists
-	• C. Barros - Kongsberg Digital
16:30	• S. Roberts - CapGemini
	• O. Abbink - S&P Global

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Wednesday 10 June – Energy Transition Area, International Prospecting Centre

Last updated 1 May 2026

ENERGY TRANSITION AREA (HALL 2)	
No Transition Without Intelligence: AI as the Engine of the Energy Revolution	
09:50	Panelists • D. Holmes - Dell Technologies • N. Moridis - NVIDIA
KEYNOTE PRESENTATION: A 21st Century Scientific Odyssey: The Geological Basis for Relocating Ancient Ithaca	
10:20	A 21st Century Scientific Odyssey: The Geological Basis for Relocating Ancient Ithaca – J. Underhill (University of Aberdeen)
Managing Subsurface Uncertainty in the Energy Transition Moderator: R. Carballares - SLB	
13:00	Overview of Geohazards and Geo-engineering Constraints to Wind Farm Development on Formerly Glaciated Margins – G. Wood - bp
13:20	Warming up Aberdeen to Geothermal – D. Cornwell - University of Aberdeen
14:00	Panel discussion
EAGE Local Chapters Panel	
14:30	EAGE Local Chapters Aberdeen, London and Netherlands
Networking Café	
15:30	Student Activity

IPC AREA	
REGIONAL HIGHLIGHTS - South and Central America	
10:30	Keynote Title TBC – G. Bagley - Westwood Global Energy
11:00	An overview of the current E&P landscape in offshore Uruguay – R. Novo - ANCAP
11:10	TBC
11:20	TBC
11:30	TBC
11:40	TBC
11:50	TBC
12:45	Lunch break
REGIONAL HIGHLIGHTS - North America	
13:20	Panelists • J. Petrovic - Government of Newfoundland and Labrador • N. Macadam - Nova Scotia Department of Energy
REGIONAL HIGHLIGHTS - Europe, Mediterranean and Caspian	
15:00	TBC
15:20	United Kingdom: Petroleum and Carbon Storage Activity Overview – N. Richardson - NSTA
15:30	Presentation TBC – A. Burke - TGS
15:40	Mid-Norway prospectivity (Norwegian Sea Volcanic Basin) – A. Bjørvik - TGS
15:50	Malta's Petroleum Exploration Opportunities – A. Caruana - Continental Shelf Department
16:00	Regional mapping of offshore and deep coastal aquifers: RESCUE Project – E. Quiroga - Ruden AS / EU RESCUE Consortium
OUTLOOK SESSION	
16:10	TBC

Did you know?

Aberdeen's local dialect is called **Doric**, a distinctive form of **Scots** spoken across the northeast. It is known for its unique vocabulary and strong regional identity, and while some people see it as a language in its own right, it is most often described as a **dialect of Scots**, not Gaelic.

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Exhibition Theatre Programme

Thursday 11 June – Engineering Theatre, Digital Transformation Area,
Energy Transition Area, International Prospecting Centre

Last updated 1 May 2026

NEW ENGINEERING THEATRE (HALL 1)	
DEEP DIVE SESSION: Process Engineers meet Petroleum Engineers Moderator: C. Hammond - bp	
09:50	Resolving a Quarter-Billion-Dollar Gas Lift Challenge on Glen Lyon – T. Brawley & R. Knight - Adura & bp
10:10	Successful Late Life Subsea Gas Field Management: Extending “Giza Fayoum” In Challenging Environment, Without Subsea Intervention – A. Hamshary - bp
10:30	Low-Footprint Gas-Lift Demulsifier Injection for Slug Mitigation and Production Uplift in a Mature Field – T. Eyyubbayli - bp
PANEL DISCUSSION: Plug and Abandonment begins at Project Start-Up : Engineering Choices That Shape the End Game Moderator: C. Shields - Serica Energy	
12:45 - 13:45	Panelists • Jean Reck - Taqa • R. Thomas - Well Safe Solutions • K. Hogg - North Sea Transition Authority (NSTA) • F. McGaw - Canadian Natural Resources Limited (CNRL)
DEEP DIVE SESSION: Reservoir Surveillance Moderator: Oliver Grimsten & Alexandra Love - bp	
14:00	MD and Beyond – H. Bolt - DwpD Ltd.
14:15	Using production log data in high-angle, fractured, three-phase wells to minimise water production and maintain reservoir energy – Andy Ronald - bp
14:30	Real time, Wireless and On Demand Reservoir Surveillance. Case studies and lessons learned from the deployment of radical new technologies – Christian Shields - Serica Energy
14:45	Halite formations of Canada for salt-cavern storage of clean energy (hydrogen, CAES): An overview – P. Kabanov - Geological Survey of Canada / Natural Resources Canada
15:00	Integrated Chemical Tracer Technologies for Reservoir understanding and production efficiency – Hossein Anbari - Tracerco

ENERGY TRANSITION AREA (HALL 2)	
OceanHub: Geoscience for Ocean Conservation Moderator: C. Walker - BGP Offshore	
09:50	Panel discussion
Technical Presentation	
11:20	Critical raw materials from thermal fluids: origin, extraction, demonstration – M. Johansson - EFG
Stakeholders in Radioactive Waste Management Moderator: C. Dietl - BASE	
12:45	Panelists • J. Klíštnec - Radioactive Waste Repository Authority • C. Strand - Shearwater

IPC AREA	
EAGE Geoscience Outreach Day	
10:15	Activity for high school students
LUNCH AND LEARN PANEL DISCUSSION (TBC)	
13:20	TBC

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DIGITAL TRANSFORMATION AREA (HALL 1)	
LIGHTNING TALKS SESSION: Innovations in Continuous Monitoring for the Energy Industry Moderator: P. Norlund - Halliburton	
09:50	Integrating 4D Seismic and DTS for Dynamic Characterization of the Balakhany VIII Reservoir – T. Ibrahimzade - bp
10:00	Seismic Tiles “The Google Maps” for 4D seismic – N. Nguyen - Halliburton
10:10	Transforming Oil Field Surveillance Through Python-Automated Logic and Continuous Monitoring – D. Talbot - bp
10:20	Continuous full field monitoring in space and time – J. Herwanger - Sharp Reflections
10:30	4D integration in probabilistic reservoir modelling: a powerful aid to better prediction – W. Cruz - Halliburton
Sponsor Presentation	
11:30	Looking Beyond The Headlines - How energy leaders are experiencing AI implementation today, where adoption is creating measurable value, and where the disconnect remains between AI's promise and its practical use at scale. – J. Chu & W. Karkouri - EPAM, TGS Imaging & Technology, TBC - AWS
PANEL DISCUSSION: Driving Efficiency w Digital Integration Moderator: K. St Clair - bp	
12:45 - 13:45	Panelists • C. Miska - Emerson • L. Hodgson - bp • T. Grant - Cegal As • C. Jiskoot - Baringa
Industry Presentation	
14:00	How GPUs Transformed Reservoir Simulation – L. Patacchini - Stone Ridge Technology
14:30	The Seismic Data Bottleneck - Unlocking the Full Value of Seismic Data for AI and Exploration – I. Setterfield - Nasuni
LIGHTNING TALKS SESSION: ML & AI in Subsurface Part II Moderator: V. Lamy - bp	
15:30	DISKOS Q&A LLM Benchmark – G. Ghon - Caggemini
15:40	AI for better subsurface decisions: expanding what we see, understand, and communicate – V. Lamy - bp
15:50	Cross-Domain Approaches to Overcome Fragmented Subsurface Workflows – T.M. Citraningtyas - Earth Science Analytics
16:00	Making Sense of 50 Million Files: Intelligent Taxonomy Engineering and Machine Learning Guided Classification – G. Cole - Viridian
16:10	From Data to Decisions – description of Thunder Horse Field using bp's Rapid Interpretation workflow – D. Miller - bp
16:20	Data-Agnostic ML Pipeline Unlocking 4D Seismic Value for Subsurface Integration: North Sea Applications and CCS Opportunities – R. Amiri Kolajooobi - Heriot-Watt University

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Student and Community Programme

Sunday 7 June

Last updated 1 May 2026

Time	Activity	Speaker/Organizer	Location
Students Programme			
09:30 - 16:00	Laurie Dake Challenge		Room 19
Community Programme			
09:00 - 18:00	Hackathon	EAGE Technical Community on AI	Room 18

Monday 8 June

Time	Activity	Speaker/Organizer	Location
Students Programme			
08:00 - 12:00	Students Field Trip: Field Sketching – Interpreting rocks in watercolour		Dunnottar Castle
Community Programme			
09:00 - 15:00	Hackathon	EAGE Technical Community on AI	Room 18

Tuesday 9 June

Time	Activity	Speaker/Organizer	Location
Students Programme			
14:30 - 15:00	Exhibition Tour & Education Hunt		Community Hub
15:00 - 16:30	Global Geoquiz		Energy Transition Area
Community Programme			
09:00 - 17:00	Trial Interviews		EAGE Community Hub
10:30 - 11:30	Empowering Future GeoEnergy Leaders	EAGE Mentoring Programme	Energy Transition Area
11:30 - 13:00	Breaking In and Standing Out: Young Professionals Navigating a Changing Energy Landscape	EAGE Young Professionals Community	Energy Transition Area
13:20 - 14:20	Attracting Talent to Geoscience: How Industry Can Help Shape the Next Generation	EAGE Geoscience Communication and Public Engagement Community	Energy Transition Area
13:00 - 14:00	Professional Portrait Photography		EAGE Community Hub
14:00 - 14:45	Hackathon: Results and Presentation	EAGE Technical Community on AI	Digital Transformation Area
16:00	Brain Match Deadline matching		EAGE Community Hub
19:00 - 21:00	Welcome Reception	EAGE Local Chapter Aberdeen and Young Professionals	Aberdeen City Council Town House

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Wednesday 10 June

Last updated 1 May 2026

Time	Activity	Speaker/Organizer	Location
Students Programme			
12:00 - 12:30	EAGE Student Chapters Meeting		EAGE Community Hub
12:30 - 13:30	Local Students Activities		EAGE Community Hub
15:30 - 16:30	Networking Café		Energy Transition Theatre
Community Programme			
09:00 - 16:30	Trial Interviews		EAGE Community Hub
10:00 - 11:00	Professional Portrait Photography		EAGE Community Hub
10:20 - 12:00	A 21st Century Scientific Odyssey: The Geological Basis for Relocating Ancient Ithaca	Prof. J. Underhill - University of Aberdeen	Energy Transition Area
13:00 - 14:20	Managing Subsurface Uncertainty in the Energy Transition	<ul style="list-style-type: none"> • G. Wood - bp • D. Cornwell - University of Aberdeen 	Energy Transition Area
13:30 - 14:30	Professional Portrait Photography		EAGE Community Hub
13:30 - 14:30	Annual General Meeting for Members		Room 20
14:00 - 15:30	Perspectives on Geomechanics in the Energy Landscape	EAGE Technical Community on Geomechanics	Engineering Theatre
14:30 - 15:30	Local Chapters Panel	EAGE Local Chapters Aberdeen, London and Netherlands	Energy Transition Area
15:30 - 17:00	Women leading in the Energy Transition: Resilience for a Sustainable Future	EAGE Women in Geoscience and Engineering Community	Room 20

Thursday 11 June

Time	Activity	Speaker/Organizer	Location
Students Programme			
09:00 - 13:40	Geoscience Outreach Day		Exhibition floor
Community Programme			
10:00 - 12:00	Trial Interviews		EAGE Community Hub
11:00 - 12:00	Professional Portrait Photography		EAGE Community Hub
12:45 - 13:30	Stakeholders in Radioactive Waste Management	EAGE Technical Community on Radioactive Waste Disposal	Energy Transition Area

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Aberdeen is home to **The Press and Journal**, a newspaper whose roots go back to **1747**. First published as **Aberdeen's Journal**, it is widely recognised as **Scotland's oldest daily newspaper** and one of the country's longest-running titles.

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European Conference on the Mathematics of Geological Reservoirs

**8-11 SEPTEMBER 2026
PORTO, PORTUGAL**

**EARLY REGISTRATION DEADLINE:
15 JULY 2026**



WCCUS

WORLD CARBON CAPTURE
UTILISATION AND STORAGE
CONFERENCE

**21-25 SEPTEMBER 2026
EDINBURGH, UK**

**CALL FOR LATE-BREAKING
ABSTRACT DEADLINE 1 JULY 2026**



**SEISMIC
INVERSION**
4TH EAGE CONFERENCE
ON SEISMIC INVERSION 2026

**6-8 OCTOBER 2026
LISBON, PORTUGAL**

**CALL FOR ABSTRACTS DEADLINE:
21 JUNE 2026**



**FIRST EAGE WORKSHOP
ON MOBILE SHALES**

**7-9 OCTOBER 2026
BUCHAREST, ROMANIA**

**EARLY REGISTRATION DEADLINE:
31 JULY 2026**



ior+

24TH SYMPOSIUM ON
IMPROVED OIL RECOVERY

**12-14 APRIL 2027
LYON, FRANCE**

**CALL FOR ABSTRACTS DEADLINE:
1 NOVEMBER 2026**



Community and Students Programme Highlights

This year you will have the opportunity to catch up with our Local and Student Chapters, Special Interest Groups and Technical Communities at the EAGE Community Hub. At the Community Hub you can meet with EAGE staff, and ask questions about the Annual and the range of services that we provide.

Achievement Awards Winners



Arie Van Weelden Award 2026

Omar Saad



Conrad Schlumberger Award 2026

Satinder Chopra



Alfred Wegener Award 2026

Zoya Heidari

Breaking In and Standing Out: Young Professionals Navigating a Changing Energy Landscape

Tuesday 9 June, 11:30 - 13:00 | Energy Transition Area

Organized by the EAGE Young Professionals Community.

Women leading in the Energy Transition: Resilience for a Sustainable Future

Wednesday 10 June, 15:30 - 17:00 | Room 20

Organized by the EAGE Women in Geoscience and Engineering Community.

Annual General Meeting for Members (AGMM)

Wednesday 10 June, 13:30 - 14:30 | Room 20

Join the AGMM to engage with the Board and share ideas and thoughts on EAGE and its future.

Trial Interviews

Tuesday 9 June, 09:00 - 17:00

Wednesday 10 June, 09:00 - 16:00

Thursday 11 June, 10:00 - 12:30

EAGE Community Hub

Professional Portrait Photography

Tuesday 9 June, 13:00 - 14:00

Wednesday 10 June, 10:00 - 11:00 and 13:30 - 14:30

Thursday 11 June, 11:00 - 12:00

EAGE Community Hub

Brain Match

Applications deadline: Tuesday 9 June, 16:00

Students Programme

The Student Programme offers several engaging activities aimed at helping students build their future careers, learn from experienced professionals, engage with their peers, and meet potential employers.

Laurie Dake Challenge 2025

Sunday 7 June, 09:00 - 16:00 | Room 19

The Laurie Dake Challenge is sponsored by Equinor and the EAGE Student Fund.



Exhibition Tour & Education Hunt

Tuesday 9 June, 13:30 - 15:00 | Energy Transition Area

The Exhibition Tour & Education Hunt is sponsored by Viridien.



EAGE Global GeoQuiz

Tuesday 9 June, 15:00 - 16:30 | Energy Transition Area

The GeoQuiz is sponsored by Serica Energy and Labstrat.



NEW

Geoscience Outreach Day

Thursday 11 June, 09:00 - 14:00 | Exhibition Floor

The EAGE Geoscience Outreach Day will welcome secondary school students from across Aberdeen and the North East to celebrate and explore the vital role geoscientists play in building a sustainable future.

EarthDoc AI is now available for the subsurface community

Finding and using the right geoscience knowledge has never been more important or more challenging. With decades of research, case studies, and technical insights available in EarthDoc, the question is no longer access, but how to unlock value from it quickly and effectively. EarthDoc AI is designed to do exactly that.

It is an intelligent assistant built on top of the EarthDoc database that helps geoscientists work faster and smarter. It can synthesise research, compare reservoir models, summarise case studies, and surface relevant papers on advanced geophysical methods in seconds. Instead of searching through large volumes of literature manually, users can now interact with EarthDoc in a more intuitive and focused way, guided by AI.

This development has been realised through a close collaboration between Aker BP and EAGE. Aker BP, one of the largest independent oil and gas companies on the Norwegian Continental Shelf, has been our launching partner in developing an agentic AI approach to EarthDoc.

In this setup, Aker BP's internal AI agent works together with an EarthDoc AI layer developed by EAGE. Their system queries EarthDoc, while the EarthDoc AI layer helps structure, retrieve, and contextualise the most relevant scientific information. The result is a seamless workflow that connects trusted geoscience knowledge with real operational needs.

This collaboration shows what becomes possible when domain expertise and AI work together. It delivers faster access to verified knowledge, better synthesis of complex information, and more efficient decision-making across subsurface workflows. For Aker BP, this supports improved exploration strategies, reservoir understanding, and operational efficiency.

For EAGE, it demonstrates how high-quality, peer-reviewed geoscience content can be transformed into practical, real-time intelligence while maintaining scientific integrity and trust.

We are proud to launch EarthDoc AI with Aker BP and even more excited that this is only the beginning. EarthDoc AI is now available for other organisations across the subsurface industry who want to accelerate how they access and use geoscience knowledge.

Together, we are shaping a new way of working with subsurface data where knowledge is not just stored, but actively used to drive better decisions.

Join us at the Digital Transformation Area (Hall 1) for an introduction and demo of EAGE's new EarthDocAI on Tuesday, 9 June 2026, from 14:45 to 15:30.

**STOP WASTING TIME
ON MANUAL RESEARCH**

Discover how EarthDoc AI can empower your team:
corporaterelations@eage.org.

**SCAN TO
LEARN MORE**



GEOLOGY DEPTH IMAGING
LITHOLOGY & FLUID PREDICTION
ROCK PHYSICS MODEL BUILDING
QUANTITATIVE INTERPRETATION
eMP-FWI IMAGING VISUALISATION
INTERPRETATION INVERSION
DATA PROCESSING ACQUISITION QC
GEOPHYSICS PROCESSING QC



DUG INSIGHT SPEAKS YOUR LANGUAGE!

Whatever your language, DUG Insight speaks it fluently. DUG Insight is the single, integrated software built for the way for you work. It is the only software that seamlessly flows from advanced seismic data processing and imaging, right through to interpretation, visualisation, and rock-property prediction. Doesn't matter if you're an interpreter, a processor or a QI wizard, with DUG Insight, nothing ever gets lost in translation! Drop by the DUG booth at EAGE Aberdeen for all-day demos and pick up a copy of our 12 page DUG Insight showcase.

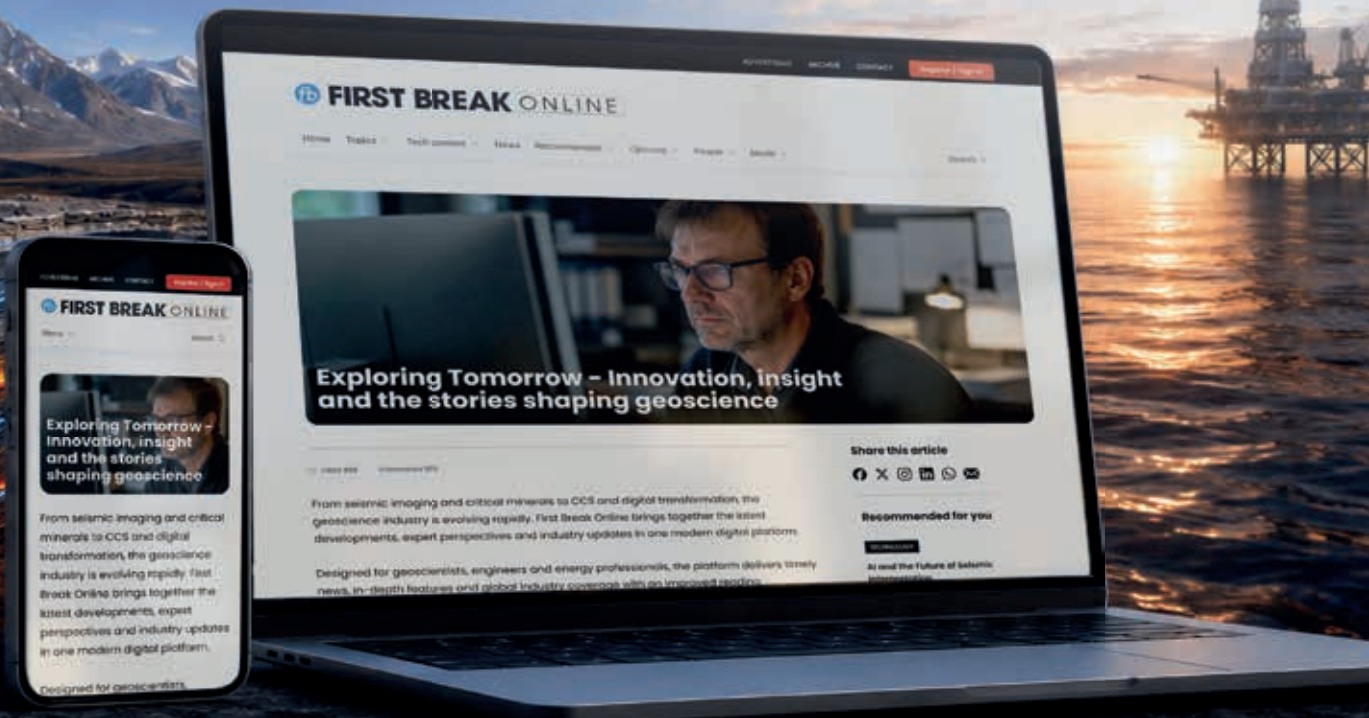
See you at
EAGE 26
Booth #234

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31 MAY - 3 JUNE 2027

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