

DEVEX 2023

UNITING THE INDUSTRY FOR A SECURE AND SUSTAINABLE FUTURE

20-21 JUNE 2023, P&J LIVE, ABERDEEN



TECHNICAL PROGRAMME

DEVEX 2023 marks the 20th DEVEX Conference and it is the only technical conference of its size which is focused on the full E&P project cycle; from exploration, appraisal, development and production (early, mid and late life) through to CCUS and decommissioning.

Energy Security and Sustainability is one of the key challenges facing society today. The conference will consider this subject and ask the industry: "What are we doing to accelerate projects, reduce costs, increase production and reduce emissions?"

DEVEX 2023 will be a platform to share ideas and lessons learned that have led to material gains and optimised performance; ultimately driving increased energy security and sustainability. This will be delivered via a series of keynotes, case histories, techbytes, masterclasses and networking sessions.

We look forward to welcoming geoscientists, geophysicists, geologists, reservoir engineers and petroleum engineers to this important knowledge sharing conference from 20-21 June in Aberdeen.

Buy 1 ticket, invite an Early Career Professional for FREE!
For more information, go to P6.

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Masterclasses

We have some excellent training-based talks, known as 'Masterclasses' which will take place over the two days. Further information can be found on the Technical Programme.

Core

As always, we will have Core on display which will be situated in the catering and exhibition area. Further details of the type of Core will be revealed soon!

Field Trip – 19th June

This year's trip will be a full-day excursion to the Angus Coast, to view world class outcrops of Early & Late Devonian age continental clastics.

The trip is an excellent opportunity to study 'red bed' reservoir architecture and heterogeneity, to examine non-marine seal rocks, and to develop a deeper understanding of the impact faults and fractures can have on fluid flow in these reservoir types; all of which are key to both hydrocarbon field development and carbon storage projects.

It will also be a chance to share views on the pace of the Energy Transition in the shadow of the Seagreen Offshore Wind Farm, Scotland's largest, and the world's deepest, fixed foundation offshore wind farm whose 114 turbines are scheduled to provide enough green energy to power more than 1.6 million homes by the Summer of 2023.

The trip will be led by Steve Adams of Balgownie Geoscience. Steve has over 35 years of global upstream subsurface experience and over the past three years has visited over 200 Scottish East Coast outcrops to develop an in-depth understanding of #ScotlandsGeoLab, and the way these outcrops can support hydrocarbon, carbon storage, and geothermal projects.

Just 20 spaces are available. For more information and to book your place, visit Devex 2023 - [SPE Aberdeen Website](#)

Young Professionals Event - 20th June

Energy Security in a Mature North Sea Basin

Keynote Speaker: Brenda Wyllie (NNS/WoS Area Manager, NSTA)

The DEVEX 2023 Young Professionals Committee invite you to attend this year's YP Event, which focusses on the future of oil and gas-related careers in the North Sea Basin. Whilst the industry continues to support the move to Net Zero, there will still be a strong need for petroleum-based disciplines for many years to come, and this event offers the opportunity to meet and get advice from experienced industry professionals in a speed-mentoring and networking activity.

Networking Reception

Join us for drinks, reconnect with your peers and meet some new contacts! This will take place at the end of Day 1 of DEVEX 2023.



For more information and to book, visit www.spe-aberdeen.org.

08:00	09:00	Registration	
09:00	10:15	Opening Remarks and Keynote Discussions	
10:25	10:55	Coffee Break + Core Display & Exhibition	
		Session - Maximising Recovery	Field Case Histories and Redevelopments
10:45	11:10	Maximising Recovery in the Brodgar Field; a Mature Gas Field with Water Handling Constraints - Abbas Delavar, Harbour Energy	Understanding the matrix impact on the development of the Lower Clair Group of the Clair Ridge Field, West of Shetland - Adam Poptani and Luke Wooldridge, BP
11:10	11:35	Orlando – Trials, Tribulations and Eventual Success of a Single Well ESP Supported Subsea Tie-Back - Ross Cameron, Tailwind	The benefit of seismic re-processing to identify late life opportunities in the Buckland field - Rachael Crowe, Apache
11:35	12:00	Gannet subsea Infill - Framing to Execution Phase in 10 months - Charles Ileagu, Shell	Exploiting Field margins: An example from the East Everest Field - Peter Wood and Kevin Angus, Harbour Energy
		Techbytes	
12:00	12:10	A Digital Platform to Enhance Emissions Management for the Oil and Gas Industry - Mohammad Yasir, Halliburton	Optimizing Sampling Workflow & Hardware for Fluid Scanning & Sampling Success in Unconsolidated Formations - Marcus Turner, SLB
12:10	12:20	Geosteering Techniques Integration to optimize well placement. Case studies from the Norwegian Continental Shelf. - Alexandra Zaputlyayeva, ROGII	Re-risking Reservoir and Fluid Data Acquisition in South East Asia Using Fluid Mapping-While-Drilling Technology - Marcus Turner, SLB
12:20	13:20	Lunch + Core Display & Exhibition	
13:20	14:20	AICDs Masterclass	Masterclass - Well Stimulation Masterclass: managing uncertainty and making better production enhancement decisions - Bogdan Bocaneala, Opecs
		Session - New Energy	
14:20	14:45	From a modest gas play to a world class CO2 storage site? Injecting life into the Triassic of the SNS? - Graham Tarn-Dyson, Equinor	Challenges of the Conversion of a Mature Natural Gas Storage Facility to Hydrogen Storage using a Carbon Dioxide Cushion Gas - Heikki Jutila, Exceed
14:45	15:10	Evaluating the geological case for the natural accumulation and storage of CO2 in the East Irish Sea Basin, UK - Sam Head, Heriot Watt University	Decarbonising the UK North Sea - Theory vs. Practice - Ian Gladman, RISC Advisory
15:10	15:35	The application of AI to a Southern North Sea seismic interpretation of depleted and virgin reservoirs for CCS site investigation - Ryan Williams, Geoteric	Operational Parametric Evaluation of the Underground Hydrogen Storage Efficacy in a Deep UKCS Aquifer - Prashant Jadhawar, University of Aberdeen
15:35	16:00	Coffee Break + Core Display & Exhibition	
		Session - Production Enhancement	
16:00	16:25	The First Application of Autonomous Outflow Control Devices in a Water Injection Well in Norway - Geir Frode Kvilaas, AkerBP	Injection Above Fracture Pressure: Verifying Cap Rock Integrity and Evaluating Conformance - Remke Ellis, TGT & AkerBP
16:25	16:50	Enhanced Oil recovery by controlling the water production with the Application of Autonomous. Inflow Control Valves: A Case Study - Ismarullizam Mohd Ismail, InflowControl	Well clean-up optimisation using advanced numerical modelling processes - Michael Byrne, Axis
16:50	17:15	Understanding the Source of Pumps Off Gas in Impermeable Rock - Dean Thorpe, Shell	High pressure-difference eline perforation on a declining subsea well in the North Sea. Forvie North Light Well Intervention - Helene Berthet, TotalEnergies
17:15	17:40	If don't find natural fractures, create your own: Clair Ridge hydraulic stimulation - James Hoad, BP	Can Lost Circulation Materials (LCM) Cure Losses Across Fault Damage Zone? - Alvin Chan, Shell Global Solution U.K.
17:45	19:00	Networking Reception + Core Display & Exhibition	

Key

- Technical Talks
- Masterclasses
- Techbytes
- YP Event

The organisers reserve the right to amend the programme as necessary. Please visit spe-aberdeen.org for updates on the programme timings or further details.

Young Professionals Session
14:45-16:55

The organisers reserve the right to amend the programme as necessary. Please visit www.spe-aberdeen.org for updates on the programme timings or further details.

08:00	09:00	Registration	
09:00	10:15	Opening Remarks and Keynote Discussions	
10:15	10:45	Coffee Break + Core Display & Exhibition	
		Session - Applied Technology	Session - Future Focus
10:45	11:10	The Culzean Field: Application of DFOS (Distributed Fibre Optic Sensing) Technology for Layer Contributions - Hamish Dunnett, TotalEnergies	Global Exploration: Which Barrels Win? - Patrick Rutty, Enverus
11:10	11:35	Supporting critical well delivery decisions by utilising machine learning to aid interpretation of wellsite XRF data - Robert Webber, CNOOC International	Subsurface basis of design is the most important part of well decommissioning. Discuss - Ruth Thomas, Well Safe Solutions
11:35	12:00	Fiber optics VSP survey acquired in record time during sonic and formation pressure testing, offshore UK - Rafael Guerra, SLB	UK future energy supply: what future opportunities exist for domestic oil and gas? - Yvonne Telford, Westwood Global Energy Group
		Techbytes	
12:00	12:10	Safely Bringing Wells Back Online; Leak and Corrosion Diagnostics for Planning Remedials - Remke Ellis, TGT	
12:10	12:20	Increasing Asset Value Through Using Along-hole Depth, Inclination and Azimuth Measurements To Define 3D Positional Uncertainty - Harald Bolt, DwpD Ltd., Depth Solutions	
12:20	13:20	Lunch + Core Display & Exhibition	
13:20	14:20	Masterclass - Shell UK Upstream's Energy Transition Journey	Reserves Booking and Portfolio Management Masterclass - Gavin Ward and Adam Borushek - RISC Advisory
		Session - Production Enhancement	Session - New Energy
14:20	14:45	In-situ microwave-assisted catalytic upgrading of heavy oil, a new route for hydrogen production from heavy oil reservoirs - Hossein Anbari, University of Nottingham	Plotting a route to net zero whilst maximising production – a challenging win-win for industry - David Moseley, Welligence
14:45	15:10	Enhanced Oil Recovery and CO2 Storage by Carbonated Water Injection - Mehran Sohrabi, Heriot Watt University	CCUS & the North Sea: a stepping stone towards net-zero - Bruce Walker, Enverus
15:10	15:35	Integrated Geo-Dynamic Modelling and Investigation of Pressure-Dependent Permeability to Increase Working Gas Capacity of Reservoir Repurposed for Underground Gas Storage - Tim Salter, Baker Hughes	Big Data: What is a significant sample size? - Gavin Ward, RISC Advisory
15:35	16:00	Coffee Break + Core Display & Exhibition	
		Session - Production Enhancement	
16:00	16:25	Restoration of a late-life high sand producing oil well no downhole sand control using a topsides sand filtration package. - Steven Scott, Shell U.K. Limited	Thermodynamics Synthesis and EOS Modelling of Water of Condensation bringing value to a mature Gas Condensate subsea asset - Obuekwe Mogbo, TotalEnergies
16:25	16:50	A case study of Organic Oil Recovery in the Scott Oil Field - Andrew Bostock, CNOOC International	Collaboration is the key to success: Unlocking the value in the Leverett Field - Steve Kenyon Roberts, Harbour Energy
16:50	17:15	Stress Testing – Measuring Insitu Stress - Emilie Peyret, SLB	
17:15	17:40	The Kinnoull Field: Unlocking production enhancement by revisiting accepted “facts”. - William Bottomley, bp	
17:40	17:45	Closing Remarks	

The organisers reserve the right to amend the programme as necessary. Please visit www.spe-aberdeen.org for updates on the programme timings or further details.

Sponsorship Opportunities

SPE Aberdeen, PESGB and AFES are not for profit organisations. Raising sponsorship is crucial to help us to reduce the ticket cost and maximise attendance, deliver a successful conference and to enable the organising charities to re-invest back into industry and society. By supporting this event, not only are you providing an important knowledge sharing and training opportunity for the industry, but you are also helping to support our future generation of young engineers and geoscientists.

All sponsorship opportunities will ensure your logo is prominently positioned across all promotional materials, including on organizers websites, abstract flyers, programme, on-screen Graphics and Abstracts Book. Your company will also be profiled on social media and within emailers and your company will be recognised by the Conference Chair on the day. Additional benefits are outlined in each package below. All costs outlined exclusive of VAT.

PLATINUM SPONSOR £5,000 + VAT

- Five complimentary delegate passes
- Pop-up stand or banner to display in conference hall

EVENT SPONSOR £3,000 + VAT

- Two complimentary delegate passes
- Pop-up stand or banner to display in conference hall

LUNCH SPONSOR – 1 AVAILABLE £1,950 + VAT

- One complimentary delegate pass and 25% discount on an additional pass
- Logo displayed at catering points during lunch

BREAKFAST SPONSOR – 2 AVAILABLE £1,200 + VAT

- One complimentary delegate pass and 25% discount on an additional pass
- Logo displayed at catering points during breakfast

COFFEE BREAK SPONSOR – 2 AVAILABLE SOLD Sponsored by CNR and RISC Advisory

- One complimentary delegate pass and 25% discount on an additional pass
- Logo displayed at catering points during coffee breaks

REGISTRATION SPONSOR SOLD Sponsored by Apache

- One complimentary delegate pass and 25% discount on an additional pass
- Logo displayed at registration area during coffee breaks

PROGRAMME SPONSOR £1,500 + VAT

- Opportunity to sponsor a specific day of the programme
- One complimentary delegate pass and 25% discount on an additional pass

LANYARD SPONSOR SOLD Sponsored by tNavigator

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

- One complimentary delegate pass and 25% discount on an additional pass
- Logo on lanyard together with the event logo

YOUNG PROFESSIONAL EVENT SPONSOR SOLD Sponsored by Geolog

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

NETWORKING RECEPTION SPONSOR SOLD Sponsored by tNavigator

- One complimentary delegate pass as part of Networking reception and one pass for conference
- Pop-up stand or banner to display in Networking Reception

FIELD TRIP SPONSOR SOLD Sponsored by Core Specialist Services

- One complimentary delegate pass as part of Field Trip and one pass for conference
- Logo on any Field Trip material

EXHIBITION OPPORTUNITIES £1,100 + VAT PER SINGLE UNIT

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

- A basic exhibition space (approx. 3m wide x 2m deep) is suitable for a pop-up portable display stand or table top display. Two or more adjacent units can be combined to make a larger space. A trestle table and two chairs will be provided.
- One free delegate pass for the conference
- Logo in Abstracts Book issued to all delegates

	Early Bird Until 31 March	Delegate Rate After 31 March
Members Day 1	£200	£250
Members Day 2	£200	£250
Non Members Day 1	£250	£300
Non Members Day 2	£250	£300
Members 2 Days	£300	£350
Non-Members 2 Days	£350	£400
Field Trip	£50	£50
Students & Unemployed 1 day*	£35	£35
Students & Unemployed 2 days*	£60	£60

All costs exclude VAT. Ticket prices include parking at the venue.

*Limited tickets available.

Special 'buy 4 get 1 free' rates available.

For more information visit:

Visit: [SPE Aberdeen Website](#)

Email: devex@mearns-gill.com

Call: 01224 646311

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

We are offering you the chance to invite an Early Career Professional (≤10 years in industry) to attend the conference for FREE!

For every full price ticket purchased, you may add an additional ticket of the same type for no additional cost. Select your ticket type and you will then be given the chance to add the free ticket option before checkout. This is your chance to support our future generation and inspire knowledge sharing

T's & C's

We define "Early Career Professionals" as those with 10 years' experience or less within the offshore energies industry.

For every full price ticket purchased, you may add an additional ticket of the same type to be used by an early career professional. Offer only valid on full price tickets – this excludes the Student & Unemployed ticket type.

