

DEVEX 2022

DEVELOPING THE FUTURE – POWERING THE ENERGY TRANSITION TO 2050

10-11 MAY 2022, P&J LIVE, ABERDEEN



TECHNICAL PROGRAMME

DEVEX 2022 marks the 19th 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 decommissioning.

What will our wells and fields look like going forward?

In addition to the pandemic changing the way we will work going forward, we are also seeing an acceleration of energy transition adoption throughout the industry.

This two-day programme will consist of Operator and service company case histories, techbytes and masterclasses. We can't wait to hear all about the new technologies being developed, the new skills being acquired and the things that were done differently during lockdown.

We can't wait to bring this event back in-person and look forward to welcoming geoscientists, geophysicists, geologists, reservoir engineers and petroleum engineers to this important knowledge sharing conference from 10-11 May in Aberdeen.

DEVEX 2022 ORGANISERS



PLATINUM SPONSORS



EVENT SPONSOR



LANYARD SPONSOR



COFFEE BREAK SPONSOR



LUNCH SPONSOR



NETWORKING RECEPTION SPONSOR



BREAKFAST SPONSOR



SUPPORTED BY



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.

DEVEX 2022 Field Trip – 11th May, Cowie Shoreline, Stonehaven

Taking place straight after the conference on 11th May, the 2022 Field Trip will take place in Stonehaven (Cowie Shoreline) This excursion provides geoscientists and other subsurface-related professionals (e.g. reservoir / drilling engineers) with an excellent opportunity to assess vertical and lateral changes throughout a Siluro-Devonian sedimentary sequence that is depositionally analogous to multiple hydrocarbon reservoirs across the UKCS. Of particular interest are practical examples of reservoir characterisation / heterogeneity, geometricisation, impacts of faulting / fracturing, and how these are likely to impact fluid / gas migration. Attendees will be encouraged to partake in practical aspects, with interactive opportunities being provided to allow for knowledge-sharing amongst the wider group.

Transport will be provided from P&J Live to Stonehaven and return. Refreshments will also be provided. Thank you to Iain Greig and Professor John Howell for volunteering to lead the trip.

For more information, visit [SPE Aberdeen Website](#).



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

Networking Reception

Networking is something that we have missed over the last two years! 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 2022.

Core

On display will be some North Sea classics from Rotliegend fluvial and aeolian sandstones to the finest Brent slabs, but also slightly more exotic intervals such as the Rattray conglomerate and some really nice Beatrice Jurassic sections. All in all, very much worth a glance, if only to realise the variety in depositional environments the North Sea has on offer! Thank you to North Sea Core for their support.

Young Professionals Event

“Skills for the Transition” will take place on the first day of DEVEX 2022 and will feature short presentations where our panelists will talk about their career paths and the reality of changing industries. A Q&A will follow which will give you the opportunity to question our panel. This is a free event, following which, all attendees are invited to attend the DEVEX 2022 Networking Reception!



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

Technical Programme

8:00	8:45	Registration	
8:45	9:55	Keynote and Panel Session	
		The Future of the North Sea : Energy Transition in Action - North Sea Transition Authority	
		Beyond Net Zero - Pierre Girard, Director of New Energy, Neptune Energy Rani Koya, OGL Geothermal	
10:00	10:25	David Moseley, Welligence Energy Analytics — Key North Sea fields to 2032 – balancing production demands with emissions targets	Yann Jehanno, Harbour Energy — Back to life: how new thinking and technology reinvigorates the production and performance understanding of a mature CNS Paleocene field
10:25	10:55	Coffee Break + Core Display & Exhibition	
		Energy Transition Session	Field Case Histories and Redevelopments
10:55	11:20	Andy Howard, Summit Energy — Advancing Energy Transition Targets	Mohd Zahirin Ruslin, Bridge Petroleum — Galapagos Redevelopment Case Study: An innovative modelling approach in characterization of Autonomous Inflow Control Valve performance to maximizing oil recovery
11:20	11:45	Yvonne Telford, Westwood Global Energy — The vital role of domestic oil and gas in the UK's energy supply	Atul Kshirsagar, Baker Hughes — Case Study - Improved Recovery Solutions for a Complex Fractured Carbonate Reservoir including Low Salinity Waterflooding
11:45	12:10	Steve Brown, Orcadian Energy — A Cost Effective Approach to Electrifying the Central North Sea	James Bramald, Ithaca — Harrier Field: Development of a marginal low permeability chalk field
12:10	12:35	Faraj Zarei, CMG — Design rules for high-efficiency geological storage of hydrogen in depleted gas fields	Rachael Crowe, Apache — The development of bypassed pay in the Buckland Field: targeting attic, cellar and secondary intervals above and below a prolific horizontal well
		Techbytes on the use of new technology or novel approaches	
12:35	12:45	Emilie Peyret, Schlumberger — Intelligent Wireline Formation Testing: Cloud-Based Collaboration and 3D Near-Wellbore Context	Chiara Cavalleri, Schlumberger — Novel Multi-resolution log Tracking Technique Enables High Resolution Sonic Answers
12:45	12:55	Ismarullizam Mohd Ismail, InflowControl AS — An innovative solution to Enhanced oil recovery in light oil reservoir using Autonomous Inflow Control Valve Technology	Scott Glendinning, TCO — Shallow and Deep Set Bypass Barrier Plug System
12:55	13:55	Lunch + Core Display & Exhibition	
13:55	14:45	Masterclass 1 Martin Leonard, Petromac — Wireline deployment in deviated wells	Masterclass 2 Pramit Basu, Baker Hughes — Role of 3D Geomechanics Model in CCS sub-surface assessment
		Contd. Field Case Histories and Redevelopments	
14:45	15:10	Ted Smith, Harbour Energy — Field Case Histories and Redevelopments	Jan Manoharan, EnQuest Plc — Kraken Development Story: Overcoming Offshore Heavy Oil Field Challenges
15:10	15:35	Mohit Khanna, Jersey Oil & Gas — Redevelopment of the Buchan Field	
15:35	16:05	Coffee Break + Core Display & Exhibition	
		Near Field Opportunities	
16:05	16:30	Carys Thomas, Spirit Energy — "It's Now Or Never" - Late Life Extension Of The Grove Gas Field Through Appraisal-Development Drilling	Masterclass 3 Jules Reed, Premier Oilfield Group — Core analysis and how relates to CCS
16:30	16:55	Duncan Taylor, Harbour Energy — Jade South: Extending the Reach of the Field	
16:55	1800	Networking Reception + Core Display & Exhibition	

Young Professionals Session
Skills for the Transition
15:30-16:55

Technical Programme

8:00	8:30	Registration	
8:30	9:00	Opening Remarks, Keynote & Panel Session featuring John Underhill, Centre for Energy Transition, Aberdeen University	
		Case Histories On The Use Of New Technology Or Novel Approaches	
9:00	9:25	Leon Barens, TotalEnergies — Improved subsurface understanding through diffraction imaging for complex injectite fields in Quad 9, Gryphon, Ballindalloch and Maclure	
9:25	9:50	Simon Robinson, Harbour Energy — Transformative Well Placement Strategy in the Joanne Chalk Field	Robert Trythall, Serica Energy — Use Of Geosphere HD In A Low Resistivity Contrast Forties Reservoir To Optimise Drilling Of The Columbus Field Development Well
9:50	10:15	Peter Kidd, Baker Hughes — One-size-fits-all Sand Management System and Flow Control Strategy- A Simplified Economical Approach	Emilie Peyret, Schlumberger — Deep Transient Testing and Real-Time Reservoir Insights
10:15	10:40		Anna Nilsen, Neptune Energy & Diego Corbo, Rock Flow Dynamics — Probabilistic algorithm-driven well trajectory optimization study for a green field project in the NCS
10:45	11:15	Coffee Break + Core And Exhibition	
		Big Data, Artificial Intelligence & Machine Learning - Practical Applications	
11:15	11:40	Ryan Williams, Geoteric — AI Seismic Interpretation Helping The Energy Transition	Masterclass 4 Laurent Schirrer, Oilgen — Practical Hydrogen Reservoir Engineering
11:40	11:50	Daria Lazareva, Geosoftware — Machine Learning Automated Workflows for Better Wells	
11:50	12:00	Maurillio Addario, ANSA Data Analytics — Automating the pattern-matching of log data: Gamma-ray alignment and depth correction	
12:00	12:10	Ali Moradi Tehrani, Geosoftware — How to train deep neural networks is key to predict more realistic reservoir properties	
12:10	13:10	Lunch + Core & Exhibition	
		Case Histories on Maximising Production	
13:10	13:35	Greg Stewart, James Hoad & Anna Pettit, bp & Tendeka — Using Autonomous ICDs to Maximize Oil Recovery from the North Sea Machar Field	
13:35	14:00	Michael Byrne, Axis — Fluid Flow in Reservoirs and Wells – are we all Physics or Thumbs?	
14:00	14:25	David Millar, Dana Petroleum — Greater Guillemot Area Field Well Sub-allocation and Optimisation - Improving field management and maximising production and recovery	
14:25	15:15	Masterclass 5 Russel Gray, TotalEnergies — Depth – Comparing wireline to LWD depth	
15:15	15:45	Coffee Break	
15:45	16:10	Jean-Baptiste Dunaud, CNOOC International — Best practices for future Buzzard sand control wells	
16:10	16:35	Andrew Miles, Harbour Energy — Illuminating the injectite architecture of the Catcher Fields through 4D seismic	
16:35	17:00	Matthew Macgregor, TotalEnergies — The Culzean Field: Lessons in a slow dynamic reveal	
17:00		Closing Remarks	
		DEVEX 2022 Field Trip – Stonehaven	

Key

- Technical Talks
- Masterclasses
- Techbytes
- YP Event

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 vital during these challenging times, not only for the successful delivery of the conference but to enable these organisations to re-invest back into the industry. By supporting this event, not only are you providing an important knowledge sharing and training opportunity for the industry, but you are also helping to support our future generation of young engineers.

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 **£1,950 + VAT**

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

BREAKFAST SPONSOR **SOLD**

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

COFFEE BREAK SPONSOR **£1,200 + VAT**

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

REGISTRATION SPONSOR **£1,200 + VAT**

- 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**

**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 **£1,950 + VAT**

- 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**

- 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 **£1,500 + VAT**

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

EXHIBITION OPPORTUNITIES PER SINGLE UNIT **£1,100 + VAT**

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 tressel table and two chairs will be provided.
- One free delegate pass for the conference
- Logo in Abstracts Book issued to all delegates

Booking Information

	Early Bird Until 31 March	Delegate Rate After 31 March
Members 1 day	£295	£345
Members 2 days	£390	£440
Non Members 1 day	£345	£395
Non Members 2 days	£485	£540
Students & Unemployed 1 day*	£35	£35
Students & Unemployed 2 days*	£60	£60
Young Professionals Event	Free	Free
Field Trip		£45

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

