

# DEVEX 2020

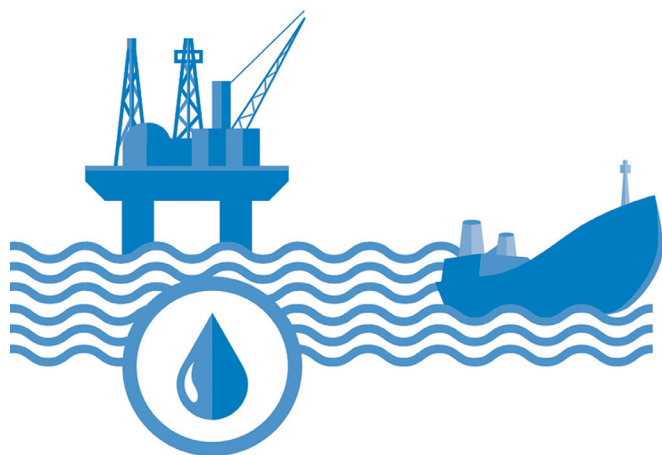
# VIRTUAL

21<sup>ST</sup> – 25<sup>TH</sup> SEPTEMBER

## EMBRACING THE NEW WAVE – THE ROLE OF COLLABORATION AND TECHNOLOGY IN THE NEW ERA OF THE NORTH SEA

### TECHNICAL PROGRAMME

We are delighted to bring to you a week-long programme covering the Role of Collaboration and Technology in the New Era of the North Sea. In response to current restrictions, events are FREE, and reflect topics prior to the COVID-19 pandemic. This year marks the 17th DEVEX Conference and we will focus on how new ways of working and the role of technology will shape the present and the future of the basin; what this will mean for our industry and the opportunities for new entrants or industries beyond E&P.



DEVEX is the only technical conference of its size which is focused on the full cycle of reservoir discovery, evaluation, development and recovery in the UK and provides excellent opportunities for engineers and geoscientists to come together and share knowledge.

#### KEYNOTE PRESENTATIONS

Two keynote sessions with industry experts will take place during DEVEX 2020. Further details are on the programme overleaf.

#### MASTERCLASSES

Two Virtual Masterclasses will take place during DEVEX 2020. The first will focus on Cores and how Cores integrate with the wider reservoir and the second will focus on an analysis on the changing of companies.

For more information on the events and how to book, visit [www.devex-conference.org](http://www.devex-conference.org) or email [devex@mearns-gill.com](mailto:devex@mearns-gill.com).

#### DEVEX 2020 ORGANISERS



#### EVENT SPONSORS



#### PRINCIPAL PARTNERS



#### SUPPORTED BY

# TECHNICAL PROGRAMME

## 21ST - 25TH SEPTEMBER

		MONDAY 21ST SEP	TUESDAY 22ND SEP	WEDNESDAY 23RD SEP	THURSDAY 24TH SEP	FRIDAY 25TH SEP
11:00	12:20	<b>Keynote Addresses</b>			<b>Keynote Addresses</b>	
11:00	11:05	Introduction			Introduction	
11:05	11:25	Marianne Eide, UK Development Manager - <b>Shell</b>			Mike Tholen, Director of Sustainability - <b>Oil &amp; Gas UK</b>	
11:25	11:45	Prof. Jon Gluyas, Director, - <b>Durham Energy Institute</b>			Alan James, Team Maker and MD, <b>Pale Blue Dot</b>	
11:45	12:05	<b>Panel Discussion</b>			<b>Panel Discussion</b>	
12:05	12:30	<b>BREAK</b>				
12:30	12:55	Pierce Field: Further Infill and De-pressurisation Project - <b>Shell</b>	The Chestnut Field: Opportunity amid uncertainty - <b>Spirit Energy</b>	Alligin, Quad 204: Rescuing Stranded Hydrocarbons and Growing Production Through Fast-Paced Tieback To Existing Infrastructure - <b>BP</b>	Cygnus Field: New Drilling Approach for Low Reservoir Quality Layers - <b>Neptune</b>	Barnacle: The 2-Million-Barrel Oil Field - <b>Equinor</b>
12:55	13:20	Culzean Field: From Discovery to First Gas and Beyond - <b>Total</b>	Murlach: Redeveloping An Old Field - <b>BP</b>	Redevelopment of Buchan Field, Central North Sea - <b>Jersey Oil &amp; Gas</b>	Gannet B Rejuvenation: At Last, Seismic Sees Through the Gas Chimney - <b>Shell</b>	Capercaille: Out of the Shadows and a Chance to Shine - <b>BP</b>
13:20	13:30	<b>TECHBYTE</b> Integrated Asset Modelling Applied to Challenging Fields for Success in Reservoir Management - <b>Emerson</b>	Infill drilling in the North Cormorant field-still life in the old bird - <b>TAQA</b>	<b>TECHBYTE</b> Additive Manufacturing Set To Disrupt The Energy Supply Chain - <b>Total</b>	Laggan 4D 2017; processing for infill production drilling - <b>Total</b>	Critical Factors in Frontier Exploration Success - <b>RISC Advisory</b>
13:30	13:40	<b>TECHBYTE</b> Productivity Improvement Through Well Cleanup Best Practices in Open Hole Gas Wells With Sand Control - <b>Schlumberger</b>		<b>TECHBYTE</b> Applying Digital Rock Physics in Reservoir Engineering - <b>Consultant</b>		
13:45	13:50	<b>BREAK</b>				
13:50	14:15	Combining Machine Learning With Simulation to Evergreen Forecast and Optimise Production - <b>Target Energy Solutions</b>	Combined Stratal Geometry and Seismic Inversion Characterisation of Sand Distribution, Cambo - <b>Siccar Point</b>	Design and Execution of Nitrogen Bull Heading Strategy and Well Start Up Sequence Using Computational Fluid Dynamics - <b>Axis Well Technology</b>	Britannia Well Intervention Strategy - <b>Chrysaor</b>	UK Central North Sea Blocks 30/1, 30/2 & 30/3 - Many Discoveries But Few Developments - <b>1st Subsurface</b>
14:15	14:40	Hybrid Deep Machine Learning Inversion - <b>CGG</b>	Identifying Infill Targets Using 4D Seismic Constrained Digital LTRO - <b>Shell</b>	Cook Field: Adding Water Injection to the Field That Keeps Giving - <b>Ithaca</b>	Well and Scale Management in a Mature Subsea Field - <b>TAQA</b>	Energy transition opportunities on the UKCS - <b>OGA</b>
14:40	14:50	<b>TECHBYTE</b> Shear Wave Technology Used For Identification of Barite and Solids Accumulation Behind Casing - <b>Baker Hughes</b>	<b>TECHBYTE</b> AI Fault Interpretation Revealing Geology From Regional Structural Framework to Well Safety Analysis - <b>Geoteric</b>	<b>TECHBYTE</b> Discovering How Simultaneous Real-time Analysis of Naturally Occurring Hydrocarbons and Drilling Induced Ethene and Hydrogen Gas Improves Drilling Efficiency - <b>HRH Geology</b>	<b>TECHBYTE</b> Wireless In-well Production Assessment and Quantifying Well-to-well Connectivity - <b>Resman</b>	<b>Conference Closing Remarks</b>
14:50	15:00	<b>TECHBYTE</b> Accurate Leak Detection and Remediation Through Downhole Deployment of Multifinger Caliper Combined With Acoustic, Temperature and Pressure Sensors - <b>READ ANSA</b>	<b>TECHBYTE</b> Offshore application of passive microseismic technologies for hydrocarbon delineation and CO2 storage Monitoring - <b>Tenzor Geo</b>	<b>TECHBYTE</b> IRMA - A Toolkit to Drive Value From Ensembles of Reservoir Models - <b>Resoptima</b>	<b>TECHBYTE</b> Optimising the Design of Inflow Control Device for Lower Completions in Horizontal Wells Utilising Machine Learning - <b>Baker Hughes</b>	
18:00	19:00	<b>DEVEX 2020 MASTERCLASSES</b>				
			Cores and how Cores integrate with the wider reservoir		Analysis on the changing of companies Westwood	

The organisers reserve the right to amend the programme as necessary. Please visit [www.devex-conference.org](http://www.devex-conference.org) for updates on the programme timings or further details.