

DEVEX 2020

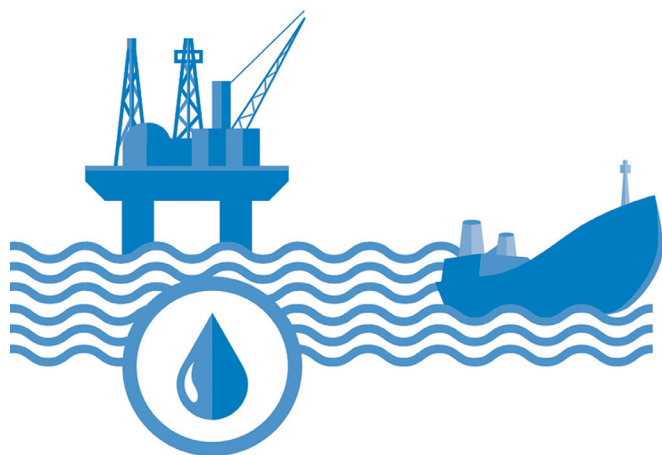
VIRTUAL

21ST – 25TH 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 or email devex@mearns-gill.com.

DEVEX 2020 ORGANISERS



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TECHNICAL PROGRAMME

21ST - 25TH SEPTEMBER

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