



# Operations Geology in 2020 and Beyond: Traditional and Modern Approaches

4-5 November 2020

*Virtual Conference, Zoom, GMT*

## PROVISIONAL PROGRAMME

Wednesday 4 <sup>th</sup> November 2020	
08.45	<b>Virtual lobby / registration</b>
09.00	<b>Welcome address day one</b> David Baldwin, Co-Chair, <i>Genel Energy</i>
<b>09.10</b>	<b>KEYNOTE: Accelerate and foster industry collaboration to enable Geoscience innovation at scale, based on open standards and platforms for rapid deployment - vision and lessons learned</b> <b>Joy Bhattacharjee &amp; Ole Evensen, IBM</b>
09.40	<i>Questions</i>
09.50	<b>Break</b>
	<b>Session 1 – Digital Applications in Operations Geology</b>
10.10	<b>Realtime Automated Lithology, Machine-learning using Drilling Parameters and LWD logs to Predict Lithology and Geological Risks at the Bit</b> Linn Arnsen, <i>Equinor</i>
10.25	<i>Questions</i>
10.30	<b>Revamping lithology interpretation for the digital rig</b> Alice Butt, <i>Halliburton</i>
10.45	<i>Questions</i>
10.50	<b>Tech Byte Session</b> - <b>Digital Well Construction Collaboration is ensuring one Truth</b> , Ole Gunner Tveiten, <i>AGR</i>
11.00	- <b>Released Wells Initiative-Norwegian Oil and gas association digital drilling cuttings project</b> , Malgorzata Kusak, <i>Norsk Olje og Gass (NOROG)</i>
11.10	<b>Geoscience advisor – an AI-based system for subsurface characterization</b> Renato Cerqueira & Emilio Vital Brazil, <i>IBM</i>
11.25	<i>Questions</i>
11.30	<b>Break</b>
	<b>Session 2 – Advances in wellsite technology</b>
11.50	<b>Wellsite gases...Old Dog, New Trick?</b> Tim Dodd & Julian Moore, <i>Applied Petroleum Technology</i>
12.05	<i>Questions</i>



12.10	<b>Tech Byte session</b> - <b>Fluid Acquisition and Deep Transient Testing – case studies offshore Mexico</b> , Karl Perez, <i>Repsol</i>
12.20	- <b>How to get accurate formation temperatures in a post mercury world</b> , Chris Wells, <i>AccSensum Ltd</i>
12.30	<b>An enhanced approach implying a pre-drill modelling to improve real-time drilling operation in complex environments using integrated disciplines and technologies</b> Ehsan Daneshvar, <i>Future geoscience Ltd</i>
12.45	<i>Questions</i>
12.50	<b>Tech Byte Session</b> - <b>Displaying Well Control Incident Data in Petrel; a Workflow for Promoting Rig Safety Across Disciplines</b> , Kurt Armbruster
13.00	<b>Day one closing comments</b> Mariel Reitsma, Co-Chair, <i>HRH</i>

## Thursday 5<sup>th</sup> November 2020

08.45	<b>Virtual lobby / registration</b>
09.00	<b>Operations Geoscience in the oil and gas industry - Survey results</b> Jenny Windress, <i>Ithaca</i> & Tim Stephen, <i>Aker BP</i>
09.30	<i>Questions and discussion</i>
09.40	<b>Tech Byte</b> - <b>An objective skills assessment for operations geoscience</b> , Christine Telford, <i>OGICA LLP</i>
09.50	<b>Break</b>
	<b>Session 3 – New Workflows for Well Planning &amp; QA/QC</b>
10.10	<b>Top-hole geohazard and rig-site surveys: fit-for-purpose, cost effective, neither, or both?</b> Francis Buckley, <i>FK Geoscience</i>
10.25	<i>Questions</i>
10.30	<b>Operations Geology: Logging QA/QC, integration within drilling and data acquisition workflow</b> Rodney Garrard & Serge Marnat, <i>The National Cooperative for the Disposal of Radioactive Waste (Nagra)</i> , <i>Geneva Petroleum (GPCI)</i>
10.45	<i>Questions</i>

10.50	<b>Tech Byte Session</b> - <b>Automated Well Control: new technology to improve safety in well control</b> , Bryan Atchison, <i>Safe Influx Ltd</i>
11.00	- <b>Digital Solutions are Change Catalysts for Moving Operational Geoscientists from Cooperation to Agile Collaboration</b> , Camille Cosson, <i>Emerson Automation Solutions</i>
11.10	<b>A Descriptive And Predictive Analytics (DAPATM) framework to deliver a step change in performance for wireline and MLWD operations - why only a collaborative approach can drive real improvements in service delivery.</b> Jack Willis, <i>One &amp; Zero</i>
11.25	<i>Questions</i>
11.30	<b>Break</b>
<b>Session 4 – Operation Geoscience Case Studies</b>	
11.50	<b>A focused optimized approach to Geological Operations – A Case Study; The Finlaggan Development CNS.</b> Steve Gear, <i>Zennor Petroleum</i>
12.05	<i>Questions</i>
12.10	<b>The impact of ultra deep resistivity reservoir mapping tools on geosteering from wellsite</b> Jamie Bevan, <i>Bevan Geological Services Ltd.</i>
12.25	<i>Questions</i>
12.30	<b>Multi scenario modelling and risk-based approach for a challenging well planning at Southern North Sea through complex Zechstein configuration</b> Kumar Satyam Das, <i>Shell</i>
12.45	<i>Questions</i>
12.50	<b>Wellsite and Operations Geologists remote workflows and duties during COVID-19 pandemic</b> Alejandro Martin, <i>Repsol</i>
13.05	<i>Questions</i>
13.10	<b>Close of conference comments</b> David Baldwin, Co-Chair, <i>Genel Energy</i>

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