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20-22 MARCH 2023 | LONDON | UNITED KINGDOM

TECHNOLOGY DRIVING INNOVATION  
FOR THE FUTURE

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# CONFERENCE PROGRAMME

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MONDAY 20 MARCH 2023

Last updated 17 March 2023.

INNOVATION HUB		MAIN STAGE	
08:30 Welcome Coffee			
<b>Opening Ceremony &amp; Plenary Day 1</b>			
09:00	<b>Welcome</b> - G. Guerra <sup>1*</sup> <sup>1</sup> Shell		
09:05	<b>Keynote Presentation - Role of leadership and key learnings from Shell's digital journey</b> - M. Gerrits <sup>1*</sup> <sup>1</sup> Shell		
09:25	<b>Keynote Presentation - Business model innovation story from outside O&amp;G industry</b> - A. Rai <sup>1*</sup> <sup>1</sup> X Ventures		
09:45	<b>Panel Discussion - Redefining competition: Business models of the future</b> - M. Wynne (moderator) <sup>1</sup> , M. Bashforth <sup>2</sup> , G. Guerra <sup>3</sup> , M. Virgilio <sup>4</sup> , C. Yeleshwarapu <sup>5</sup> , R. Hasaneen <sup>6</sup> <sup>1</sup> S&P Global Commodity Insights; <sup>2</sup> OvationData; <sup>3</sup> Shell; <sup>4</sup> Shearwater; <sup>5</sup> Halliburton; <sup>6</sup> AspenTech		
10:45 Coffee Break			
<b>Strategic Session 1</b>		<b>ML for Seismic Domain I</b> Session Chair: A. Karagul (TotalEnergies)	
11:10	<b>Roundtable Discussion - Overcoming cultural and organisational barriers</b> - T. Randen <sup>1</sup> , S. Chaleunxay <sup>2</sup> , F. Menapace <sup>3</sup> , S. Sobodka <sup>4</sup> , P. Sabharwal <sup>5</sup> <sup>1</sup> SLB; <sup>2</sup> AWS; <sup>3</sup> Shell; <sup>4</sup> Wintershall Dea; <sup>5</sup> Halliburton	11:10	<b>Deep learning strategies for seismic demultiple</b> - M. Fernandez <sup>1,2*</sup> , N. Ettrich <sup>1</sup> , M. Delescluse <sup>2</sup> , A. Rabaute <sup>3</sup> , J. Keuper <sup>1,4</sup> <sup>1</sup> Fraunhofer ITWM; <sup>2</sup> Ecole Normale Supérieure de Paris; <sup>3</sup> Sorbonne Université; <sup>4</sup> Offenburg University
		11:30	<b>MPI-free FWI for Cloud Spot Markets: Faster and Cheaper Results</b> - C. Mavropoulos <sup>1*</sup> , A. Umpleby <sup>1</sup> <sup>1</sup> S-cube
11:50	<b>Roundtable Discussion - Transforming talent approaches for a new energy era</b> - S. Santamarta <sup>1</sup> , Q. Tran <sup>2</sup> , P-Y Raya <sup>3</sup> , M. Davies <sup>4</sup> , N. Choudhary <sup>5</sup> <sup>1</sup> BCG; <sup>2</sup> Shell; <sup>3</sup> Wintershall Dea; <sup>4</sup> CGG; <sup>5</sup> SLB	11:50	<b>Improving Reservoir Property Prediction Using Synthetic Data Catalog and Deep Neural Network in Poseidon field, Australia</b> - P. Didenko <sup>1*</sup> <sup>1</sup> Geosoftware
		12:10	<b>Exploring Convolutional Neural Networks and Machine Learning for Oil Sands Drill Core Image Analysis</b> - F. Anzum <sup>1</sup> , H. Hamdi <sup>1*</sup> , U. Alim <sup>1</sup> , M. Costa Sousa <sup>1</sup> <sup>1</sup> University Of Calgary
12:30 Networking Lunch			
<b>EXHIBITION FLOOR</b>			
<b>Poster Session</b>			
13:10	<b>Digital levers to cut cost and risk of gas supply and carbon capture storage in transition</b> - K. Armitage <sup>1*</sup> , A. Hardwick <sup>2</sup> , T. Brierley <sup>3</sup> , P. Mewett <sup>1</sup> , G. Roberts <sup>4</sup> <sup>1</sup> Rejuvenate Energy Ltd; <sup>2</sup> Hardwick Geophysical; <sup>3</sup> Consultant; <sup>4</sup> Spec Partners Ltd		
	<b>The Required Value of open digital platforms: An example of connection to third party applications</b> - D. Gese Jarque <sup>1*</sup> <sup>1</sup> Resoptima		
	<b>Benefits of Earth Intelligence® when modeling O&amp;G reservoirs: an exploration case study</b> - L. Sandjiv <sup>1*</sup> , M. Collet <sup>2</sup> <sup>1</sup> Earth Resource Management Services; <sup>2</sup> SEISQUARE		
	<b>Reuse and recycle knowledge, not only data</b> - C. Warren <sup>1</sup> , N. Masurek <sup>1*</sup> , A. Laake <sup>1</sup> , C. Wray <sup>1</sup> <sup>1</sup> SLB		
	<b>A citation network analysis on diffusion of technologies to other fields: A case study about FWI</b> - S. Masaya <sup>1*</sup> , Y. Nishitsuji <sup>2</sup> <sup>1</sup> INPEX; <sup>2</sup> Delft University of Technology		
	<b>Exploring Volume Data Store format to speedup seismic image segmentation in the Cloud</b> - L. Boillot <sup>1</sup> , G. Fuss <sup>1*</sup> <sup>1</sup> TotalEnergies		
	<b>Indonesian Oil and Gas Showroom for Increasing the Oil and Gas Exploration and Production</b> - S.E. Saputra <sup>1</sup> , A.D. Wibisono <sup>1</sup> , R.N.A.C.P. Pratama <sup>1</sup> , F.T. Amir <sup>1*</sup> <sup>1</sup> SKK Migas		
	<b>Missing Seismic Trace Estimation using Generative Adversarial Network: Image-to-Image Translation Method</b> - S.K. Sandasegaran <sup>1*</sup> , H. Pratama <sup>3</sup> , L. Syahputra <sup>2</sup> , S. Teng <sup>1</sup> , M. Putra <sup>2</sup> <sup>1</sup> PETRONAS; <sup>2</sup> Universiti Teknologi PETRONAS; <sup>3</sup> dGB Earth Sciences		
	<b>A Case Study of Onshore Oil Reservoir Mapping for De-risking Exploration and Exploitation in Indonesia</b> - A. Abdul Azizurrofi <sup>1*</sup> , A. Asnidar <sup>1</sup> , A. Septania Wisudawati <sup>1</sup> , I. Taufik Sutanto <sup>1</sup> <sup>1</sup> SKK Migas		
	<b>Citizen Data Scientist Toolbox for petrophysicist domain experts: case study Petroleum Industry of Serbia</b> - T. Micić Ponjiger <sup>1*</sup> , S. Šešum <sup>1</sup> , M. Naugolnov <sup>1</sup> , S. Peruničić <sup>1</sup> , V. Mihajlović <sup>1</sup> <sup>1</sup> STC of Petroleum Industry of Serbia		
	<b>Well data quality assurance: How to ingest, validate, publish, and manage data for Real Time applications</b> - P. Tempone <sup>1*</sup> , C. Piras <sup>1</sup> , N. Lamonaca <sup>1</sup> , M. Biagi, L. Biagiola <sup>1</sup> , C. Occhiena <sup>2</sup> , A. Crottini <sup>1</sup> , C. Sanasi <sup>1</sup> <sup>1</sup> ENI E&P; <sup>2</sup> Kwantis		
	<b>Modeling and Predicting the Operating Costs of Oil field Projects against Fluctuations in Oil Prices</b> - A. Abdul Azizurrofi <sup>1*</sup> , Y. Setya Buana <sup>1</sup> , I. Taufik Sutanto <sup>1</sup> , A. Bayu Prasaja <sup>1</sup> <sup>1</sup> SKK Migas		

<b>13:10</b>	<b>Predicted Stratigraphy: A Case Study from the Sureste Basin (Gulf of Mexico)</b> - P. Kiss <sup>1*</sup> , J. Clayton <sup>1</sup> , J. Cullum <sup>1</sup> , W. Lee <sup>1</sup> , U. Akram <sup>1</sup> <sup>1</sup> CGG
	<b>A deep learning seismic processing framework based on pre-training: giving the dataset the attention it needs</b> - T. Alkhalifah <sup>1*</sup> , R. Harsuko <sup>1</sup> <sup>1</sup> KAUST
	<b>Case Study: Predicting Missing Well Logs using Classification and Regression Methodology</b> - R. Thiyagu <sup>1*</sup> , A. Ahmadiashgaftaki <sup>2</sup> , S. Talib <sup>2</sup> , M.Y. Mohamat Yatim <sup>4</sup> , M.N. Mat Asri <sup>3</sup> <sup>1</sup> Independent; <sup>2</sup> Universiti Malaya; <sup>3</sup> UTP Universiti Teknologi PETRONAS; <sup>4</sup> Emerson
	<b>3DMadNex AI: New Digital Tool for Operational Geology Virtual Assistance and its Deployment in Middle East</b> - P. Coraci <sup>1</sup> , F. Di Maggio <sup>1</sup> , R. Lopez <sup>1</sup> , F. Porcelli <sup>1</sup> , R. Sabatino <sup>1</sup> , F. Marchini <sup>1</sup> , A. Di Palo <sup>1</sup> , S. Pianaro <sup>1</sup> , A. Crottini <sup>1</sup> , M. Pirrone <sup>1</sup> , F. Chinellato <sup>1</sup> , M. Pelorosso <sup>1</sup> , P. Temponi <sup>1*</sup> , C. Sanasi <sup>1</sup> <sup>1</sup> ENI E&P
	<b>Do not make the Cloud a landfill for your subsurface data</b> - P. Gibb <sup>1*</sup> <sup>1</sup> Petrosys Europe Ltd.
	<b>A machine learning methodology to forecast well production: illustration with the Volve dataset</b> - B. Auffray <sup>1,2*</sup> , T. Duval <sup>1</sup> , G. Suzanne <sup>1</sup> , M. Feraille <sup>2</sup> <sup>1</sup> Beicip-franlab; <sup>2</sup> IFPEN
	<b>Orchestrating Coepetition in the Development of OSDU Data Platform</b> - M. Moradi <sup>1*</sup> <sup>1</sup> NTNU
	<b>Extracting seismic outliers using GAN-like training of autoencoders.</b> - E.B. Myklebust <sup>1*</sup> , T. Stangeland <sup>1</sup> <sup>1</sup> Norsar
	<b>Creating a national data asset: Detailing the Digitalization of the UK's National Data Repository</b> - J. Nicholson <sup>1*</sup> , C. Jones <sup>1</sup> , J. Selvaige <sup>1</sup> , A. Thompson <sup>2</sup> <sup>1</sup> Osokey Ltd.; <sup>2</sup> North Sea Transition Authority
	<b>Application of Machine Learning in Integrated Modeling of the Oil and Gas Fields</b> - K. Pechko <sup>*</sup> , A. Afanasyev, N. Brovin, E. Belonogov, M. Simonov
	<b>Can Machine Learning (ML) be used in log analysis to search for Missed or Overlooked Pay?</b> - C.F. Gyllenhammar <sup>1*</sup> <sup>1</sup> CaMa GeoScience AS

INNOVATION HUB		MAIN STAGE	
<b>Strategic Session 2</b>		<b>Project Prospects</b> Session Chair: S. Roy (SLB)	
<b>14:10</b>	<b>Case Story - Startup innovation culture &amp; strategy</b> - D. Austin <sup>1</sup> <sup>1</sup> ESA	<b>14:10</b>	<b>Well Control Optimization using Smart Proxy Models</b> - A. Jahanbani Ghahfarokhi <sup>1*</sup> , A. Chaturvedi <sup>2</sup> <sup>1</sup> NTNU (Norwegian University of Science and Technology); <sup>2</sup> DNO Norge AS
<b>14:30</b>	<b>Case Story - Addressing innovation challenges through diversity and inclusivity</b> - M. Gupta <sup>1</sup> <sup>1</sup> Shell	<b>14:30</b>	<b>Seismic Tiles, a data format to enable analytics on seismic by digitalization of G&amp;G logic</b> - Ø.M. Skjæveland <sup>1*</sup> , S. Torset <sup>1</sup> , C.C. Nilsen <sup>2</sup> <sup>1</sup> Equinor; <sup>2</sup> Norwegian Computing Center
<b>14:50</b>	<b>Interactive Session - Accelerating the pace of energy innovation</b> - J. Allyn <sup>1</sup> , M. Jensen <sup>2</sup> , M. Stäuble <sup>1</sup> , J. Aguas <sup>3</sup> , S. Navasivayam <sup>4</sup> <sup>1</sup> Studio X; <sup>2</sup> SLB; <sup>3</sup> AWS; <sup>4</sup> TGS	<b>14:50</b>	<b>Three-phase flow reservoir simulation approximation and acceleration using U-shaped Fourier neural operator (U-FNO)</b> - G. Shishaev <sup>1*</sup> , V. Bulatov <sup>1</sup> , M. Salnikov <sup>1</sup> , A. Vetkina <sup>1</sup> <sup>1</sup> Independent Researcher
		<b>15:10</b>	<b>Borehole Image Logs: New approaches to automated surface, breakout and facies interpretation</b> - J. Dietz <sup>1*</sup> , H. Wang <sup>1</sup> , S. Hou <sup>1</sup> , E. Jarvis <sup>1</sup> , R. Sekti <sup>1</sup> <sup>1</sup> CGG Services (UK) Limited
<b>15:30</b>	<b>Coffee Break</b>		
<b>Digital Transformation</b> Session Chairs: D. Tishechkin (AWS), A. Dubovik (Data Analysis Center)		<b>ML in Seismic Interpretation</b> Session Chair: D. Norton (AFL)	
<b>15:55</b>	<b>Analogue identification and evaluation for field development planning</b> - R. Vhanamane <sup>1</sup> , G.S. Shergill <sup>1</sup> , D. Lucas-Clements <sup>1*</sup> , P. Webber <sup>2</sup> <sup>1</sup> SLB; <sup>2</sup> S & P Global	<b>15:55</b>	<b>Fully automatic procedure of fault surfaces detection</b> - A. Kozhevnikov <sup>*</sup> , S. Tsimfer
<b>16:15</b>	<b>Accelerating decision making with automated QC workflows for full-waveform inversion</b> - D. Halliday <sup>1*</sup> , S. Roy <sup>1</sup> , D. Kulakov <sup>1</sup> , J. Wu <sup>1</sup> , A. Billa <sup>1</sup> , J. Xu <sup>1</sup> , M. Elbadry <sup>1</sup> , R. Bloor <sup>1</sup> <sup>1</sup> SLB	<b>16:15</b>	<b>Exploring the Potential of Denoising Diffusion Probabilistic Models for Generating Realistic Geological Rock Thin Section Images</b> - R. Perez <sup>1*</sup> <sup>1</sup> University Of Vienna
<b>16:35</b>	<b>Productization of Digital Transformation in the Subsurface</b> - C. Hanton <sup>1*</sup> <sup>1</sup> Ikon Science	<b>16:35</b>	<b>Machine learning application for joint rock-physics model optimization, facies classification and compaction modeling: North Sea Example</b> - R. Filograsso <sup>1*</sup> , A. Mur <sup>1</sup> , R. Beloborodov <sup>2</sup> , M. Pervukhina <sup>2</sup> <sup>1</sup> Ikon Science; <sup>2</sup> CSIRO
<b>16:55</b>	<b>Data Foundations: Unlocking the Potential of Subsurface Machine Learning Workflows</b> - J. Tomlinson <sup>1*</sup> , S. Edmond <sup>1</sup> <sup>1</sup> Ikon Science	<b>16:55</b>	<b>Prediction of Bedrock Depth in Complex Mining Areas using Machine Learning Algorithms</b> - A. Najafabadipour <sup>1*</sup> , S. Najafabadipour <sup>2</sup> <sup>1</sup> Shahid Bahonar University of Kerman; <sup>2</sup> Allameh Tabataba'i University
		<b>17:15</b>	<b>Rock property prediction ahead of the drilling bit using Dynamic Time Warping and Machine Learning regression</b> - A. Christ <sup>1*</sup> , A. Bouziat <sup>1</sup> , C. Cornet <sup>1</sup> , Y. Djemame <sup>2</sup> , J. Fortun <sup>2</sup> , J. Lecomte <sup>1</sup> , A. Meunier <sup>2</sup> , P.N.J. Rasolofosaon <sup>1</sup> <sup>1</sup> IFP Energies nouvelles; <sup>2</sup> Perenco
<b>EXHIBITION FLOOR</b>			
<b>17:35</b>	<b>Networking Reception</b>		
<b>19:35</b>	<b>End of Day 1</b>		

INNOVATION HUB		MAIN STAGE	
08:30 Welcome Coffee			
<b>Plenary Day 2</b>			
09:00 Welcome Day 2			
09:05 <b>Keynote Presentation - Digital workflows of the future on Johan Sverdrup</b> - S. Nordfjord <sup>1*</sup> <sup>1</sup> Equinor			
09:25 <b>Keynote Presentation - Accelerating geoscience learning through digital tools</b> - M. Cyrot <sup>1*</sup> <sup>1</sup> TotalEnergies			
09:45 <b>Panel Discussion - The integration of the subsurface and the surface data domains</b> - M. Wynne (moderator) <sup>1</sup> , M. Rae <sup>2</sup> , P. Kelly <sup>3</sup> , B. Foubert <sup>4</sup> , A.C. Ramirez <sup>5</sup> <sup>1</sup> S&P Global Commodity Insights; <sup>2</sup> Shell; <sup>3</sup> The Open Group; <sup>4</sup> SLB; <sup>5</sup> TGS			
10:45 Coffee Break			
<b>Strategic Session 3</b>		<b>OSDU Use-cases</b> Session Chair: G. O'Brien (Microsoft)	
11:10 <b>Roundtable Discussion - Addressing the urgency in redefining our business models</b> - K. Dehghan <sup>1</sup> , F. Darbyshire <sup>2</sup> , L. D'Angelo <sup>3</sup> , T. Ziegler <sup>4</sup> , M. Quinquet <sup>5</sup> <sup>1</sup> TotalEnergies; <sup>2</sup> Shell; <sup>3</sup> Eniverse Ventures; <sup>4</sup> PGS; <sup>5</sup> AspenTech	11:10 <b>OSDU journey in TotalEnergies: from concept to operational deployment</b> - T. Akimova <sup>1*</sup> , B. Joudet <sup>1</sup> , E. Katimbo <sup>1</sup> , M. Nsamba <sup>1</sup> , P. MUNGUJAKISA <sup>1</sup> , D. LINGO <sup>1</sup> <sup>1</sup> TotalEnergies		11:30 <b>Futureproofing Rich Metadata File Ingestion with OSDU</b> - T. Hewitt <sup>1*</sup> , R. Gadrboh <sup>1</sup> <sup>1</sup> CGG
	11:50 <b>Roundtable Discussion - Are we pushing the envelope on digital innovation?</b> - K. Stevens <sup>1</sup> , S. Harault <sup>2</sup> , E. Ewig <sup>3</sup> , J. Brady <sup>4</sup> , S. Sanderson <sup>5</sup> <sup>1</sup> Shearwater; <sup>2</sup> Pegasystems; <sup>3</sup> PGS; <sup>4</sup> Baker Hughes; <sup>5</sup> AWS	11:50 <b>Visualize OSDU™ Data with Geospatial Consumption Zone and No Code Maps</b> - B. Boulmay <sup>1*</sup> , Y. Gubanov <sup>2</sup> , D. Tishechkin <sup>2</sup> <sup>1</sup> Esri; <sup>2</sup> Amazon Web Services	
12:30 Networking Lunch			
<b>Strategic Session 4</b>		<b>Applied Analytics</b> Session Chair: D. Norton (AFL)	
13:10 <b>Case Story - Exploration Digitalization: from Ideation to rollout</b> - Q. van de Laarschot <sup>1*</sup> <sup>1</sup> Shell	13:10 <b>AUTO Channel: AI-driven Automatic Channel Scalar Correction</b> - C. Sutton <sup>1*</sup> , Y. Sang <sup>2</sup> , W. Pan <sup>2</sup> , P. Webster <sup>1</sup> , J. Chen <sup>2</sup> , M. Sidahmed <sup>2</sup> <sup>1</sup> Shell International Exploration and Production; <sup>2</sup> Shell Global Solutions (US) Inc.		13:30 <b>Information Retrieval from Oil and Gas Unstructured Data with Contextualized Framework</b> - M.X. Lee <sup>1*</sup> , M. Marlot <sup>1</sup> <sup>1</sup> SLB
13:30 <b>Case Story - AI Digitalization to Commercial Scale</b> - E. Naeini <sup>1*</sup> <sup>1</sup> C3 AI	13:50 <b>A Simple Machine-Learning Approach for the Discovery of Digital Subsurface Geoscience Analog Data</b> - S. Sheyh Husein <sup>1*</sup> , R. Vhanamane <sup>2</sup> , A. Laake <sup>1</sup> , F. Stabel <sup>3</sup> , M. D' Souza <sup>3</sup> <sup>1</sup> SLB Aachen Technology Center; <sup>2</sup> SLB Abingdon Technology Center; <sup>3</sup> SLB Norway Technology Center		14:10 <b>Evaluation of the influence of structural parameters on induced polarization effect using the process-based method</b> - M. Ma <sup>1*</sup> , J. Zhao <sup>1</sup> , B. Wang <sup>1</sup> , B. Yan <sup>1</sup> , M. Ye <sup>1</sup> <sup>1</sup> China University of Petroleum (Beijing)
<b>Data Management</b> Session Chairs: C. Jones (S&P Global Commodity Insights), T. Hewitt (CGG)		<b>Natural Language and Document Processing</b> Session Chair: S. Roy (SLB)	
14:30 <b>Shell's Road to a new Subsurface &amp; Wells Digital Ecosystem – thoughts halfway along the journey</b> - P. Zeppenfeldt <sup>1*</sup> <sup>1</sup> SHELL	14:30 <b>Transformers for Site Assessment for Carbon Capture and Sequestration using Legacy Well Data</b> - Y. Mathur <sup>1</sup> , J. Chen <sup>1</sup> , I. Folmar <sup>2</sup> , Z. Dong <sup>1</sup> , Q. Su <sup>3*</sup> , L. Lu <sup>2</sup> , M. Sidahmed <sup>1</sup> <sup>1</sup> Shell Global Solutions US Inc.; <sup>2</sup> Shell International Exploration & Production Inc.; <sup>3</sup> Shell Information Technology International		14:50 <b>Automated extraction of images of interest in document collections: end-to-end workflow and operational case-study</b> - M.T. Nguyen <sup>1,2*</sup> , C. Cornet <sup>2</sup> , L. Mattioni <sup>2</sup> , A. Bouziat <sup>2</sup> , G. Rumbach <sup>3</sup> <sup>1</sup> BeicipFranlab; <sup>2</sup> IFP Energies nouvelles; <sup>3</sup> Vermilion Energy
14:50 <b>High-efficient cloud seismic data solution for real-time geosteering optimization</b> - A. Zaputlyayeva <sup>1*</sup> , A. Van Welden <sup>2</sup> , I. Kuvaev <sup>1</sup> <sup>1</sup> ROGII Inc; <sup>2</sup> Bluware	15:10 <b>Topological analysis of production data for extracting valuable information</b> - A. Vetkina <sup>*</sup> , G. Shishaev <sup>1</sup> <sup>1</sup> Heriot-Watt University		15:10 <b>Natural Language Processing for Key Geology Information Detection and Geological Description classification</b> - H. Blondelle <sup>1*</sup> , O. Nguyen-Thuyet <sup>1</sup> <sup>1</sup> Agile Data Decisions
15:30 Coffee Break			

INNOVATION HUB		MAIN STAGE	
Workshop		Dedicated Session - Bringing OSDU into Operations	
15:55	Seismic 3D Visualisation and Facies Recognition	15:55	OSDU a gamechanger for our industry - K. Ogreid <sup>1*</sup> <sup>1</sup> AkerBP
		16:05	The OSDU based knowledge layer in an Energy Data Mesh - M. van der Haven <sup>1*</sup> <sup>1</sup> CGI
		16:15	From Paper Chase to digital bonanza: Unlocking the Value of "What" and "Where" to Predict CCS Potential using Scientific Data - J. Skero <sup>1*</sup> <sup>1</sup> Elsevier
		16:25	OSDU as an enabler to compete in a changing world - J. Elgenes <sup>1*</sup> <sup>1</sup> Equinor
		16:35	Leveraging digital transformation to accelerate operational performance and lower-carbon pathways - G.M. McEwan <sup>1*</sup> <sup>1</sup> SLB
		16:45	OSDU Data Platform - Key Enabler for TotalEnergies Digital Transformation - T. Akimova <sup>1*</sup> <sup>1</sup> TotalEnergies
		16:55	Transforming Subsurface Data Management Workflows – S. Mackie <sup>1*</sup> <sup>1</sup> Wintershall Dea
19:00	Conference Dinner		
22:00	End of Day 2		



INNOVATION HUB		MAIN STAGE	
08:30 Welcome Coffee			
<b>Plenary Day 3</b>			
09:00 Welcome Day 3			
09:05		Keynote Presentation - Demystifying Digitalization - J. Allyn <sup>1*</sup> <sup>1</sup> Studio X	
09:25		Keynote Presentation - Digital Accelerating Global Decarbonization - S. Freeman <sup>1</sup> <sup>1</sup> SLB	
09:45		Panel Discussion - The role of digital in future energy system integration - M. Wynne (moderator) <sup>1</sup> , H. Smyth <sup>2</sup> , F. Despinois <sup>3</sup> , G. O'Brien <sup>4</sup> , G. Gueritz <sup>5</sup> <sup>1</sup> S&P Global Commodity Insights; <sup>2</sup> Halliburton; <sup>3</sup> TotalEnergies; <sup>4</sup> Microsoft; <sup>5</sup> NVIDIA	
10:45 Coffee Break			
<b>Strategic Session 5</b>		<b>ML for Seismic Domain II</b> Session Chair: A. Karagul (TotalEnergies)	
11:10		Case Story - Energy Ecosystems - J. Schoolmeesters <sup>1*</sup> <sup>1</sup> TGS	
11:30		Case Story - Addressing the CCUS challenges and opportunities through an integrated asset modeling approach - R. Hernandez <sup>1</sup> <sup>1</sup> AspenTech	
11:50		Roundtable Discussion - Digital opportunities in energy transition - K. Abdeli-Galinier <sup>1</sup> , C. Vos <sup>2</sup> , A. Fahimuddin <sup>3</sup> , S. Muralidharan <sup>4</sup> , E. Rees <sup>5</sup> <sup>1</sup> SLB; <sup>2</sup> Shell; <sup>3</sup> Cognite; <sup>4</sup> AWS; <sup>5</sup> Halliburton	
		11:50 Digital Core Based Pore Structure Characterization and Rock Physics Modeling of Carbonate Reservoir - B. Yan <sup>1*</sup> , J. Zhao <sup>1</sup> , B. Wang <sup>1</sup> , M. Ma <sup>1</sup> , Y. Sun <sup>1</sup> <sup>1</sup> China University of Petroleum (Beijing)	
		12:10 Automating the interpretation of 715 000 drill cuttings samples with active learning - D. Evans <sup>1*</sup> , E. Larsen <sup>2</sup> <sup>1</sup> Rockwash Geodata Ltd; <sup>2</sup> Earth Science Analytics	
12:30 Networking Lunch			
<b>Strategic Session 6</b>		<b>Green Digitalization</b> Session Chair: F. Odinsen (Microsoft)	
13:10		Case Story - Upskilling and reskilling existing workforce for digital and net zero future - J. Hudson <sup>1*</sup> <sup>1</sup> AI for People and Learning	
13:30		Case Story - Increasing digital capabilities in modern geoscience education - C. John <sup>1*</sup> <sup>1</sup> Imperial College London	
13:50		Interactive Session - Digital innovation and the path for a net zero future	
		13:50 Predicting geologic CO2 storage and plume evolution from sparsely available well data using Barlow Twins - C.A.S. Ferreira <sup>1*</sup> , T. Kadeethum <sup>2</sup> , H.M. Nick <sup>1</sup> <sup>1</sup> Technical University Of Denmark; <sup>2</sup> Sandia National Laboratories	
		14:10 Revisiting Induced Seismicity in Groningen Field Using 3D CNN - R. Perez <sup>1*</sup> <sup>1</sup> Independent	
<b>Machine Learning for Subsurface Applications</b> Session Chair: Q. van de Laarschot (Shell)		<b>Digital Solutions for Wind Farms</b> Session Chairs: D. Tishechkin (AWS), A. Dubovik (Data Analysis Center)	
14:30		Flowify: simple and non-technical user interface for workflows managements with reusable components - O. Nilsson <sup>2*</sup> , L.P. Turchan <sup>2</sup> , A.T.K. Cheng <sup>1</sup> <sup>1</sup> Equinor ASA; <sup>2</sup> Bluware Inc	
14:50		Give Geological Context to Seismic Attributes Through Artificial Intelligence, Using Neural Style Transfer - R. Perez <sup>1*</sup> <sup>1</sup> Independent	
15:10		A Geophysics Library of Trained Machine Learning Models - A. Huck <sup>1*</sup> , P. De Groot <sup>1</sup> , H. Refayee <sup>2</sup> <sup>1</sup> dGB Earth Sciences; <sup>2</sup> de Groot-Bril Earth Sciences LLC	
15:30		Using machine learning property modeling with assisted forward stratigraphic modeling for offshore wind farm site characterization - A. Ahmad <sup>1*</sup> , K. Eder <sup>1</sup> , S. Courtade <sup>1</sup> <sup>1</sup> SLB	
		14:50 An integrated workflow for windfarm site characterization by deep learning - H. Di <sup>1*</sup> , A. Abubakar <sup>1</sup> <sup>1</sup> SLB	
		15:10 AWS solutions for new energy wind solar farm management - N. Ma <sup>1*</sup> <sup>1</sup> AWS	
15:30 Coffee Break			
<b>Dedicated Session</b>			
15:55		How Digital Can Be the Key to Successful Carbon Capture & Storage (CCS) and Energy Transition - D. Rowan <sup>1</sup> , D. Austin <sup>2</sup> , M. Sola <sup>3</sup> , E. Skjetne <sup>4</sup> , I. Setterfield <sup>5</sup> <sup>1</sup> SLB; <sup>2</sup> Earth Science Analytics; <sup>3</sup> Horisont Energi; <sup>4</sup> Northern Lights; <sup>5</sup> LYTT	
17:10 Closing Remarks and EAGE Digital 2024 Introduction			
17:15 End of the Conference			

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