

Monday, August 20 – Breakout Sessions

Time	Machine Learning Artificial Intelligence Big Data	IoT Real Time Automation	Science	OpenEarth [®] Community Contributions
12:30 PM	Big Data AI O&G Presenter: Arno Van Den Haak Company: AWS	IoT, Real Time, Automation: Enable Digital Transformation and Accelerate ROI with Interoperability and Open Standards Presenter: Jason Shepherd Company: DellEMC	Cognitive Metadata Extraction Using LTTS AiKno [™] Presenter: Raghu Company: L&T Technologies	Wastewater Marketplace Presenter: Joseph Winston Companies: Wipro & Halliburton Landmark
1:15 PM	End-to-End AI Enablement and Acceleration Presenter: Thomas Cullison Company: Nvidia	Well Construction 4.0 Presenters: Peter Kowalchuk & Aker BP presenter TBC Companies: Aker BP & Halliburton Digital Solutions	Adaptive User Interfaces Presenter: Xi Wang Company: Halliburton Landmark	Proppant Marketplace Presenter: Kuntal Shah Companies: Infosys & Halliburton Landmark
2:00 PM	Break & Networking			
2:30 PM	From Subsea Sensor to Cloud with DataReservoir.io Presenter: Peter Lillevold Company: 4Subsea	Connected Plants & Automation Presenter: Richard Shaw Company: Honeywell	Data Quality at the Edge Presenter: Shashi Dande & Diglio Simoni Company: Wipro & Landmark	Shell Recalling and OEC Presenter: Phillip Jong Company: Shell
3:10 PM	Enterprise ML Pipelines Presenters: Chris Fregly & Arnab Saha Company: Pipeline.ai	Advice to Action: Scalable Integration for Real-Time Rig Control Presenter: Benjamin Facker Company: NOV	Edge Analytics Presenter: Louis Descroches Company: Intel Corporation	DrillSteam and DrillPipe – Building the Drilling Digital Twin Presenter: Quinn Lewis Company: Anadarko
3:50 PM	ML Big Data Presenter: Cory Franzmeier Company: Google	Data-Driven Sensor Fusion Approach to Waste Water Management Presenters: Preethan Naik & Vikram Rastogi Companies: XpressN & Halliburton Landmark	Distributed Visualization Presenters: Venkat Viswanathan & Nvidia Presenter Companies: Nvidia & Halliburton Landmark	Commercialization Presenter: Hovey Cox Company: CGG
4:30 PM	Break & Networking			
4:45 PM	OEC Public Contributions (Founding Members)			
5:15 PM	Hackathon Presentations & Awards			
5:45 PM	Evening Reception & Networking			

Tuesday, August 21 – Day 1

Time	Exploration & Appraisal Lifecycle	Well Construction & Maintenance Lifecycle	Reservoir Development Lifecycle	Production Lifecycle & Petroleum Investment Lifecycle	Cloud, Platform & Information Lifecycle	Imagine!	Accelerating the Pace of Innovation
	Powering up the exploration engine through digital transformation	Tapping into a smart and connected E&P ecosystem for enhanced decision making and delivering of safer, faster and more productive wells	Realizing the full financial potential of developing assets with advanced digital capabilities for reservoirs near and far	To be positioned for the next round of innovation, how smart does your field need to be?	Catching the digital wave: To get the most value of Big Data and Data Lakes, from exploration to abandonment	Be inspired by industry leaders, innovations and ideas to gain new points of view	Take your digital vision to the next level with insights shared by Landmark and industry leaders
12:30 PM	Where Next for Frontier Exploration? Presenter: Dr. Andrew Davies Company: Halliburton Landmark	Never Offline – One Feature: One Future Presenter: Dr. Robello Samuel Company: Halliburton Landmark	Missing & Sparse Data, the Dark Side of Earth Modeling: Insights & Solutions Presenter: Dr. Jeffery Yarus Company: Halliburton Landmark	Improving the Future Development and Production of Unconventional Reservoirs Presenter: Dr. Shaoyong Yu Company: Halliburton Landmark	E&P 4.0: Challenges and Opportunities in Transforming the E&P Industry with Digital, Design and Data Presenter: Dr. Satyam Priyadarshy Company: Halliburton Landmark	Fireside Chat with "Dr. Andy" Hildebrand: A Landmark Co-Founder & Auto-Tune Inventor Interviewee: Dr. Andy Company: Retired	AWS
1:15 PM	An Exploration Workflow to Quantify Probabilistic Resources Presenter: Dr. Ricardo Angelo Company: ConocoPhillips	WELLCAT™ Software Helps Predict Work String Movements in Ultra-Deepwater Frac-Pack Conditions Presenter: Dean O'Neal Company: ASO Consulting, LLC	DecisionSpace® Software Provides Practical Approach to Integrated Reservoir Modeling in Montney Play Presenter: Daniel Sharp Company: Birchcliff Energy	Driving Operational Digital Transformation Through a Proven Structured Approach Customer Presentation	Deploying Recall™ NG Software on iEnergy® Cloud Helps Shell Reduce Total Cost of Ownership Customer Presentation	Endless Impossibilities: Understanding and Preparing for the Coming Age of Quantum Computing Presenter: whurley Company: Strangeworks	Accenture
2:00 PM	Break	Break	Break	Break	Break	Break	Break
2:30 PM	Using DecisionSpace® Geosciences Technology to Obtain Accurate and Integrated Fault Interpretations Presenter: Ron Harris Company: Anadarko	Driving Digital Well Construction – Practical Case Study from Norwegian Offshore Customer Presentation	Integrated Workflow Offers Insights into Appraisal Drilling & Field Development of Dangeru Field Customer Presentation	Avoiding Production Loss with Timely Analysis of Workover & Injection Effectiveness in Mature Asset Customer Presentation	Landmark Solutions Provide Data Quality and Standardization for Colombian Data Management Project Customer Presentation	Keep Your Ears on the Target: How AI and Voice are Going to Help Us Achieve Our Goals Presenter: Omri Yoffe Company: LifeBEAM	Dell EMC
3:15 PM	How AFI Output Can Influence the Real-Time Drilling Operation Plan Customer Presentation	Topic: DecisionSpace® Well Planning Customer Presentation	DecisionSpace® Geosciences Technology Optimizes Well Planning and Collaboration Among Asset Teams Presenters: Sigrid Pillen Holla & Lydia Ulvedal Company: Equinor	Digital Field Data Analytical System Optimizes Field and Production Management Presenters: Pavel Chagirov & Alexey Scherbich Companies: Yamal LNG & Halliburton Landmark	Digitization, Not Just for the Majors: How an African NOC is Becoming a Fast Follower Customer Presentation	How AR is Changing the Way We Work Presenter: Roy Neumann Company: FieldBit	NVIDIA
4:00 PM	Using DecisionSpace® Petrophysics for Image Log Resistivity Evaluations that Define Laminated Reservoirs Customer Presentation	A More Efficient Working Process by Using Casing Wear Application in EDT™ Software Suite Presenter: Sylvester Rohan Marcou Company: Equinor	Nexus® Software, Using Multi-Reservoir Modeling, Provides Accurate Asset Description and Evaluation Presenter: Monica Damiao Kitada Company: ENEVA SA	Topic: Landmark Field Appliance with Dashboarding Customer Presentation	Insights into Information Management Enabling the Transformation of the Evolving Energy Community Presenter: Ioannis Abatzis Company: Geological Survey of Denmark and Greenland (GEUS)	The Future of Work: Why LinkedIn Should Kill the Résumé and Launch the Age of the Experience Graph Presenter: Gary Golden Company: Learning Graph	L&T Technology Services Ltd

Note: Agenda is subject to change

Wednesday, August 22 – Day 2

Time	Exploration & Appraisal Lifecycle	Well Construction & Maintenance Lifecycle	Reservoir Development Lifecycle	Production Lifecycle & Petroleum Investment Lifecycle	Cloud, Platform & Information Lifecycle	Imagine!	Accelerating the Pace of Innovation	Machine Learning & AI Applied to E&P
	Powering up the exploration engine through digital transformation	Tapping into a smart and connected E&P ecosystem for enhanced decision making and delivering of safer, faster and more productive wells	Realizing the full financial potential of developing assets with advanced digital capabilities for reservoirs near and far	To be positioned for the next round of innovation, how smart does your field need to be?	Catching the digital wave: To get the most value of Big Data and Data Lakes, from exploration to abandonment	Be inspired by industry leaders, innovations and ideas to gain new points of view	Take your digital vision to the next level with insights shared by Landmark and industry leaders	
12:30 PM	Determining Natural Fracture Networks Through Automatic Fault Interpretation Modeling Presenter: Dr. Khalid Amin Company: OGDCL	YPF Steps Toward Digital Transformation with EDM™ Deployments on Complex Scenarios Presenter: Javier Felipe Company: YPF	Constructing Coupled Integrated Asset Model with Water Injection Focus for Giant Offshore Field Customer Presentation	Lessons Learned About Completions from GTI/Laredo Hydraulic Fracture Test Site in the Permian Basin Presenter: Ron Dusterhoft Company: Halliburton Production Enhancement	Exploring Emerging Architectures for Successful Digital Transformations Presenter: Keshava Rangarajan Company: Halliburton Landmark	Collective Phenomena in Complex Social and Engineering Systems Presenter: Dr. Ali Jadbabaie Company: MIT	DataGumbo	Creating Value from DTS and DAS Data – Fiber Optics Data Presenter: Rahul Saraf Company: Halliburton Landmark
1:15 PM	Applying Comprehensive Workflows to Develop Enhanced Oil Recovery (EOR) Projects in Reservoirs Presenter: Fabián Scazzioti Company: PAE	Optimizing Placement of Infield Wells and Directional Drilling in Mature Offshore Field in India Customer Presentation	Meeting Challenges of Maximizing Profits for Offshore Fields: Gas Injection IOR vs. Gas Sales Volume Customer Presentation	Petrobras Production Dashboards – The Digital Approach for Integrated Asset Management Presenter: Claudio Oliveira da Costa Company: Petrobras	Solution Developed on DecisionSpace® Platform Provides New Model for Data Management Customer Presentation	Leveraging Autonomy to Make a Step Change in Mining Safety and Productivity Presenter: TBA Company: TBA		Production Forecasting Using Recursive Neural Networks Presenters: Dr. Youli Mao & Dr. Jianlei Sun Company: Halliburton Landmark
2:00 PM	Break	Break	Break	Break	Break	Break	Break	Break
2:30 PM	Detecting and Analyzing AVO Anomalies with 1D Modeling of Well Log Data in Offshore Basins Presenter: Juan Carlos Mosquera Ramirez Company: Petrobras Colombia	Analyzing EDM™ Data Provides Process Improvements for Well Operations Customer Presentation	Enhanced Collaboration Reached with Integrated 4D Interpretation and Real-Time Operations, Brazil Customer Presentation	Developing a Roadmap for a Digital Journey to Improve Upstream Economic Evaluations Customer Presentation	YPF Incorporates Landmark Platform in Development of Data Quality Management Model Presenter: Rodolfo S. Figueroa Company: YPF S.A	From Medicine to Megawatts: How Leapfrog Transformed the Mining Industry Presenter: Jeremy O'Brien Company: Sequent		Machine Learning from Ideation to Productization Presenters: Dr. Avinash Wesley & Matthew Wise Company: Halliburton Landmark
3:15 PM	Using DecisionSpace® Geosciences and SeisSpace® as Platforms for Workflow Innovation in Geophysics Customer Presentation	DecisionSpace® Well Planning Software Integrates Zakum Field's Upper and Lower Reservoir Sections Presenter: Fahed Braik Company: ADNOC	Closed-Loop Integrated 4D Solution Minimizes Costs for Seismic Survey Acquisitions Customer Presentation	Innovative Solution Enables Large-Scale Integrated Production Planning and Optimization Presenter: Jose Rodriguez Company: Halliburton Landmark	Integrated Digital Platform: Paradigm Shift Toward Intelligent and Insightful E&P Customer Presentation	Real-Time Micro-Service Cloud Infrastructure for Scientific Workflows Presenter: Dr. Klara Nahrstedt Company: University of Illinois at Urbana-Champaign		Artificial Lift-ESP Failure Prediction: Challenges, Solutions and Gains Presenter: Dr. Geetha Gopakumar Company: Halliburton Landmark
4:00 PM	Obtaining Accurate Hydrocarbon Charge and Entrapment History, Using Permedia® Simulation Technology Presenter: Fithra Harris Dharmawan Company: PETRONAS Carigali Sdn Bhd	Quantitative Connectivity Index Mitigates Communication Between Wells in Denver-Julesburg Basin Presenter: Tanya Inks Company: IS Interpretation Services, Inc.	Innovative 3D Seismic Geomechanical Model Based on Pre-Stack Inversion Predicts Basin Pore Pressure Customer Presentation	Change Management Approach Increases Operational Excellence Based on Landmark Findings Assessment Presenter: Mohd Yusof Bin Hidrus Company: Petronas	Cloud Technologies Enable Digital Transformation and Data Centralization for Optimized Operations Presenter: Limbert Montaña Company: YPF Chaco	The Future of Supply Chain Security in a Digitally Connected World Presenter: Ted Gutierrez Company: SecurityGate		Porosity Prediction with Artificial Intelligence Presenter: Sridharan Vallabhaneni Company: Halliburton Landmark

Thursday, August 23 – iEnergy® Day

Time	Neftex® Insights	Geology & Geophysics	Drilling	Reservoir Management & Production	Economics	Information Management Platform Technology	University Hub
	Discover new insights into the exploration of unconventional resources, frontier provinces, and super basins	Review the opportunity to discover new insights into the exploration of unconventional resources, frontier provinces, and super basins	Review the latest developments for Well Construction 365, from planning to operations and reporting, to help ensure that you can drill the right well in the right place	See how Landmark solutions for reservoir management and production monitoring, analysis, and optimization can help you respond to your most challenging asset management problems	The latest developments in our integrated economics suite, including the most recent releases and new ARIES™ user interface	The latest solution design and ideas for information management, analytics and cloud	Learn about Halliburton Landmark academic engagement programs, participate in interactive workshops, and interact with E&P business and technical leaders
9:00 AM	Emerging Resource Plays in the Gulf of Mexico: The Agua Nueva and Tuscaloosa Formations Presenter: Christine Yallup Company: Halliburton Landmark	Geology 2018 Review Presenters: Nick Harvey & Hana Kabazi Company: Halliburton Landmark	Well Construction 365: Well Plan Presenter: Aimee Taylor Company: Halliburton Landmark	Maximize Asset Value and Optimize Your Reservoir Development and Production Strategies Presenter: Raed Charrouf Company: Halliburton Landmark	ARIES™ Software: Focus Areas, 2017–2018 Activities, Roadmaps, and Integrated Solutions Presenter: Bola Adejumo Company: Halliburton Landmark	Platform 2018 Review Presenter: Amanda Smith Company: Halliburton Landmark	STEPS Distinguished Lecture: Near-Field Exploration and Production Speaker: Dr. Ron Dusterhoft Company: Halliburton Landmark
9:45 AM	An Integrated Comparison of Unconventional Resource Plays Presenter: Alex Bromhead Company: Halliburton Landmark	Geophysics 2018 Review Presenters: Phil Norlund & Nam Nguyen Company: Halliburton Landmark	Well Construction 365: Operations Reporting and Monitoring Presenter: Brian Mangold Company: Halliburton Landmark	Reservoir Management and Production 2018 Review Presenters: Steve Crockett & Raed Charrouf Company: Halliburton Landmark	ARIES™ New User Interface – Overview and Feedback Presenter: Bola Adejumo Company: Halliburton Landmark		
10:30 AM	Break						
11:00 AM	Landmark Tools for Frontier Play Evaluation: Application to the Eastern Black Sea Presenter: Francois-Nicolas Krencker Company: Halliburton Landmark	Assisted Well Interpretation Presenter: Jo Wyton Company: Halliburton Landmark	OpenEarth® Community – Operations Reporting Projects Presenter: Brian Mangold Company: Halliburton Landmark	Nexus® Certification Process – National Oil Company Case Presenter: Kellerman Novaes Company: Halliburton Landmark	ARIES™ New User Interface – Overview and Feedback Presenter: Bola Adejumo Company: Halliburton Landmark	Information Management 2018 Review Presenter: Amanda Smith Company: Halliburton Landmark	Rewarding Excellence in Master's-Level Research Speakers: Kieran Kraus, Laura Ward & Joe Killen Universities: Imperial College London; University of Leicester; and Royal Holloway, University of London
11:45 AM	Well Watcher: Assessing Critical Risks for Key Exploration Drilling Programs Presenter: Katie Unwin Company: Halliburton Landmark	iEnergy® Seismic Engine and Assisted Seismic Interpretation Presenter: Tom O'Toole Company: Halliburton Landmark	Well Construction 365 – Drilling Well Program™ Solution Presenter: Adolfo Gonzales Company: Halliburton Landmark	Optimization of Production Parameters for Tight Reservoirs, Using NETool® Software Presenter: Shaoyong Yu Company: Halliburton Landmark	What's New? ARIES™ 5000.2.2 and 5000.2.3 Software Presenter: ARIES Team Company: Halliburton Landmark		Leadership and Diversity in O&G Panelists: Susana Sabbagh, Angie Dusevic & Olivier Germain Company: Halliburton Landmark
12:30 PM	Lunch						
1:30 PM	Modeling Resource Play Potential in a Super Basin: The Montney Formation of Alberta, Canada Presenter: Thomas Cousins Company: Halliburton Landmark	Velocity Modeling Deep Dive Presenter: Larry Fink Company: Halliburton Landmark	Well Construction 365 – COMPASS™ and DecisionSpace® Well Planning Software Presenter: Grant Ohlms Company: Halliburton Landmark		Tech Bits from the Experts Presenter: Dave Wysocki Company: Halliburton Landmark	Application on Platforms: Analytics and Data Quality Presenter: Amanda Smith Company: Halliburton Landmark	Kickstart Your Career Speaker: University Affairs Company: Halliburton
2:15 PM	The Anatomy of Super Basins: Delivering Meaningful Comparisons Presenter: Michael Treloar Company: Halliburton Landmark	Geoscience Context for Emerging Technology: The Chronostratigraphic Manager Presenters: Ben Saunders & Rachel Zaborski Company: Halliburton Landmark	The Right Well, in the Right Place: An Integrated and Automated Geosteering Solution Presenter: Kim Shih Company: Halliburton Landmark		Support Issues, Enhancement Requests and Priorities Presenter: ARIES™ Team Company: Halliburton Landmark		
3:00 PM	Break						
3:30 PM	Open Discussion and/or Energy Poster Session	Open Discussion and/or Energy Poster Session	Open Discussion and/or Energy Poster Session	Open Discussion and/or Energy Poster Session	Open Discussion and/or Energy Poster Session	Open Discussion and/or Energy Poster Session	Data Science 101 Presenters: Ben Saunders & Tom O'Toole Company: Halliburton Landmark
5:00 PM	Close						

Thursday, August 23 – iEnergy® Day

Time	Data Science Deep Dive
	Take a deep dive into the world of data science and explore how data science can help you make more informed and safer decisions in the E&P industry
9:00 AM	Next-Generation Reservoir Management Presenter: Rahul Saraf Company: Halliburton Landmark
9:30 AM	NPT – The Biggest Capital Sink of the E&P Industry Presenter: Azucena Gomez Company: Halliburton Landmark
10:00 AM	Loss of Circulation Prediction Presenter: Suresh Venugopal Company: Halliburton Landmark
10:30 AM	Break
11:00 AM	Optimizing Reservoir Simulation on Grid Computing with Bayesian Algorithms Presenter: Vikram Pandya Company: Halliburton Landmark
11:30 AM	Pipeline AI – A Framework for Machine Learning in Production Engineering Presenter: Arnab Saha Company: Halliburton Landmark
12:00 PM	HSE – SMART Risk Coefficient for Injuries Based on Multiple Factors Presenter: Bhaskar Mandapaka Company: Halliburton Landmark
12:30 PM	Lunch