

TUESDAY, AUGUST 27

Time	Exploration & Appraisal Lifecycle Room 335 A, B & C	Well Construction & Maintenance Lifecycle Room 343 A & B	Reservoir Development Lifecycle Room 340 A & B	Production Lifecycle Room 344 A & B	Cloud, Platform & Information Lifecycle Room 346 A & B	Imagine! 339 A & B	Unconventionals Room 337 A & B	Machine Learning & AI Applied to E&P Room 336 A & B
12:45 PM	Geological Context – The Missing Element In The Interpretation Domain Presenter: Frans van Buchem Company: Halliburton	Well Engineering on the GO - Realtime Presenter: Robello Samuel Company: Halliburton	Empowering Data-Driven Upstream on Azure Presenter: Kadri Umay Company: Microsoft	Field Gas Lift Distributed Optimization with Automated Control for Holonic Systems Presenter: Srinath Madasu and Shashi Dande Company: Halliburton	Hybrid Metamorphosis: New Data, Science, and Capabilities in Existing Systems Blur Technology Lines Between Fossils, Renewables, Cloud, and the Edge Presenter: Keshava Rangarajan Company: Halliburton	Nature (Sometimes) Knows Best Presenter: Richard Burgess Company: Texas Tech University	Insights Into Hydraulic Fracture Geometries, Using Fracture Modeling Honoring Field Data Measurements and Post-Fracture Production Presenter: Ron Dusterhoft Company: Halliburton	Misguided Approaches to Artificial Intelligence and Machine Learning Result in Suboptimal Value Presenter: Satyam Priyadarshy Company: Halliburton
1:30 PM	Development of Geofizyka Torun's Innovations in Seismic Data Processing Using SeisSpace® Software Presenter: Seweryn Tlalka Company: Geofizyka Torun SA	Well Design Concepts Accelerated with the Power Engine from Aker BP: Digital Well Program™ Presenter: Alexander Brekke Company: Aker BP	A 4D Small Data Solution in a Deepwater Gulf of Mexico Seismic-Driven History Matching Workflow Presenter: Travis Ramsay Company: Halliburton on behalf of Talos Energy	Large-Scale Subsurface and Surface Integrated Asset Modeling – Lessons Learned Presenter: Shaika Al Jenaibi Company: ADNOC	The Cloud Experience at Eni, Using Geoscience Workflows Presenter: Mario Fiorani and Achille Miele Company: Eni and Halliburton	Artificial Intelligence (AI) or Intelligence Augmentation (IA)? How to Produce Not Only Better Engineering Designs, But Also Better Designers Presenter: Mike Kirby Company: University of Utah	The Modern Geophysicist: Adding Value and Influencing Business Decisions Presenter: Chelsea Squires Company: Painted Pony Energy	Rapid Basin-Scale Geologic Reconnaissance Using Unsupervised Learning Presenter: Didi Ooi Company: Occidental Petroleum
2:15 PM	Break	Break	Break	Break	Break	Break	Break	Break
2:45 PM	Velocities Are Geology – Interpretation-Based Velocity Analysis Presenter: Einar Magerøy and Tone Wadel Company: Equinor	Drilling Software Evaluation and Directional Survey Simulation Project to Determine Accurate Survey Tool Code Presenter: Himawan Kartaatmadja Company: Pertamina Hulu Mahakam	History Matching of Multiple Wells with Actual Downhole ICD Configuration in a Five-Spot Pattern Reservoir Development Presenter: Basit Altaf Company: ADNOC Offshore	Simplified Physics-Based Reservoir Models for Country-Wide Integrated Capacity Planning Presenter: Shaika Al Jenaibi Company: ADNOC	Petrobras Implements Web Applications to Meet Regulatory Changes in Well Integrity Presenter: Fabio Sawada Cutrim Company: Petrobras	Enabling Creativity and Agility in the Workplace Presenter: Jeff Sharpe Company: frog design	Reducing Uncertainty in Unconventional Reservoir Characterization Presenter: Seth Brazell Company: Occidental Petroleum	ESP Failure Prediction Presenter: Nasser Al Mahrooqi Company: Petroleum Development Oman
3:30 PM	Reservoir Characterization Improvement Through Integrated Approach to Capillary Pressure Curves Handling. Case Field: Llanos Orientales, Colombia Presenter: Jose Espinosa Company: Ecopetrol S.A.	RTOC Transformation with iEnergy® Tenant, Using SmartDigital™ Co-innovation Service Presenter: Ricardo Bustos Acosta Company: Ecopetrol S.A.	Handling of Static and Dynamic Uncertainty in a Coupled Reservoir-Surface Model for the First Deepwater Field Development in Mexico Presenter: Kellerman Novaes Company: Halliburton on behalf of PEMEX	Initiate Digital Oil Field Application at Mature Offshore Oil Field in South East Sumatera, Indonesia Presenter: Lucky Bagus Waskito Company: Pertamina Hulu Energi Offshore South East Sumatera	Holistic Data Management Strategy for Large NOC's Presenter: Sacha Abinader, Salvador Almazan, Dale Blue Company: Accenture and Halliburton	Robots as a Service: See How Automated Drones Can Monitor Operations in Real Time Presenter: Rick Baker Company: Airobotics	Unconventional Drilling in the New Mexico Delaware Basin Presenter: Garrett Granier Company: Occidental Petroleum	Smarter Well Engineering Concepts Aid in Reducing Planning Time and Increasing ROP Presenter: Nasikul Islam Company: Halliburton on behalf of Wintershall Dea
4:15 PM	Global Patterns in the Geographic and Stratigraphic Distribution of Hydrocarbons Presenter: Michael Treloar Company: Halliburton	EDM™ Insights – Improving User Proficiency and Performance in Real Time Presenter: Amir Bar Company: Halliburton	Multiple-Cloud, Multidisciplinary Workflows are Possible with Standards-Based Dataset Transfer Packaging Presenter: Jay Hollingsworth Company: Energestics	Reaching Asset Potential – A Multiple Time Horizon Optimization Problem Presenter: Gerardo Mijares Company: Halliburton	How Gyrodata's Guide Center Has Increased Efficiency, Productivity, and Deliverables for Well Engineering Services Presenter: Erik de la Fe Company: Gyrodata	Applying DecisionSpace® Gun Barrel View for Easy Visualization and Interpretation of Complex Unconventional Well Planning Scenarios Presenter: Kane Nile and Stephen Williams Company: Occidental Petroleum and Halliburton	Benchmarking – Clustering Wells in the Construction of Offshore Wells Presenter: Fabio Sawada Cutrim Company: Petrobras	

WEDNESDAY, AUGUST 28

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12:45 PM	Landmark Earth® Engineered Appliance – On-Premise Private Cloud Platform for Geoscience Application Delivery Presenter: Mark Daus Company: DellEMC	Living on the Edge – Digital Challenges for Extreme Environments Presenter: Christopher McMillon Company: Halliburton	Rethinking Earth and Reservoir Modeling: Is the Path Forward White, Black, or Gray? Presenter: Jeffrey Yarus Company: Halliburton	Production Surveillance Digital Solution for Supporting a Mature Field Redeveloping Business Model in Eastern Ecuador Basins: IGAPO Consortium Case Presenter: Juan Carlos Sandoval Company: IGAPO	Fueling Digital Innovation with AWS Cloud-Native Services Presenter: Carlos Castro, Alex Page, Amanda Smith Company: Amazon Web Services and Halliburton	Counting Alligators and Catching Crooks: Stories from a Life Misspent in the Swamp of Data Presenter: R. Mohan Srivastava Company: Srivastava Consulting	Elastic Mechanical Properties from SEM and X-ray CT Imaging in Tight Formations Presenter: Joel Walls Company: Halliburton	Building Human Superpowers With Machine Intelligence & Software UX Presenter: Robert Tuttle Company: frog design
1:30 PM	Seismic Multi-Attribute Realistic Co-Visualization Techniques – Multidimensional Analysis and Delineation of Complex Structure Tools Presenter: Ignacio Rovira Company: Pan American Energy	The Performator Project – A Rig Upgrade with Robotic Pipe Handling, Open Source, Autonomous Operations, Edge, Simulators, and Digital Twins Presenter: Arnfinn Grøtthe and Øystein Eide Company: Aker BP	Managing Large Amounts of Capillary Pressure Data, Using DecisionSpace® Petrophysics Software to Generate a Comprehensive Saturation Height Model Presenter: Jose Espinosa Company: Ecopetrol S.A.	Reducing the Time to Completion and Increasing Production, Utilizing Oracle Information Management Technologies Presenter: Sridhara R. Sabbella and Ronald Mayfield Company: Oracle America, Inc.	Agile Database Approach to Non-Operated Assets Presenter: Paulo Gomes Company: Galp Exploração e Produção Petrolífera	How Accenture 'Wise Pivoted' to the Future Presenter: Sacha Abinader Company: Accenture	Integrating a Drilling Events Database, DecisionSpace® Geosciences Software, and Seismic Imaging to Predict Subsurface Drilling Events Presenter: Kelsey Lewis and Forbes McIntosh Company: BPX Energy	A Multidisciplinary Approach for Dynamic Rock Typing Characterization Using Artificial Neural Network Methods in Hamra Quartzites Reservoir Presenter: Abdallah Sokhal Company: Sonatrach
2:15 PM	Break	Break	Break	Break	Break	Break	Break	Break
2:45 PM	AVO Overview and Seismic Screening for a Quick Sweet Spot Evaluation – An Interpreter's Perspective Presenter: Jose Foucault Company: Ecopetrol America	Well-Architecture-Driven Transverse Shear Stresses – Engineering Challenges in Horizontal Extended-Reach Wells Presenter: Sandeep Dhawan Company: WellPerform ApS	Revitalization of Oil Production in Nezzazat Reservoir, Using Low-Cost Water Dump-Flood in Offshore Environment: Case Study from Gulf of Suez Petroleum Presenter: Ahmed Gamal Company: Gulf of Suez Petroleum Company - BP JV	A Collaborative Solution for Integrated Water Management and Quality Surveillance in Production and Injection Operations – Ecopetrol Case Presenter: Sergio Velasquez Company: Halliburton on behalf of Ecopetrol S.A.	Digital Solution for Drilling and Well Services – An Example of How to Take Advantage of Your Data Presenter: Ricardo Bustos Acosta Company: Ecopetrol S.A.	SmartSuit for Extravehicular Activity: Current Challenges and Spacesuit Technology Development to Enable Future Planetary Exploration Missions Presenter: Ana Diaz Artilles Company: Texas A&M University	Getting the Most Out of Your COMPASS™ Software Presenter: Jonathan Lightfoot Company: Occidental Petroleum	Water Coning From Simulation to Neural Network - Comprehensive Study of Coning Prediction and Factors Affecting It Presenter: Islam Zewain Company: Gulf of Suez Petroleum Company - BP JV
3:30 PM	Generating Complex Fault in a Strike-Slip Area and Its Impact On Prospect Evaluation, Kutei Basin, Indonesia Presenter: Haryono Haryanto Company: Saka Energi Indonesia	Applying DecisionSpace® Gun Barrel View for Easy Visualization and Interpretation of Complex Unconventional Well Planning Scenarios Presenter: Kane Nile and Stephen Williams Company: Occidental Petroleum and Halliburton	DecisionSpace® 365 Full-Scale Reservoir Simulation Presenter: Zainub Noor and Qinghua Wang Company: Halliburton	Intelligent Water-Alternating-Gas Process Using Downhole Control Valve (WAG-CV): Concepts, Tools and Simulations Presenter: Steve Knabe Company: Halliburton	BHP's Next Generation Work Station Ready (WSR) Well Logs Presenter: Karl Brand Company: BHP	Automated Artificial Intelligence – The Next Era of Data Science Presenter: Rajiv Shah Company: DataRobot	Pore Pressure Estimation from Velocity Model in Tight-Gas Sandstones in Argentina's Neuquén Basin Presenter: Mailen Fontana Company: Halliburton on behalf of YPF	Digital FPSO – Water Injection System Digital Twin Using Machine Learning Presenter: Leonardo Machado Company: Halliburton
4:15 PM	Integrated Geosciences Analysis In Mature Field to Improve Reservoir Management and Production Presenter: Giovanni Yopez Company: IGAPO	Cuttings Image Classification in Real Time, Using Machine Learning Applications Presenter: Robbert Schuurmans Company: Wintershall Dea		Reservoir Simulators Performance Evaluation in the Gulf of Mexico Presenter: Kellerman Novaes Company: Halliburton	Best Practices in Drilling Data Quality Management and Automation Presenter: Vividh Paliwal Company: Halliburton on behalf of ADNOC Onshore	From the Edge to the Cloud – A Single Data Platform Presenter: Robert Oberhofer Company: MongoDB	Automated Unconventional Production Forecasting based on SPEE Monograph 4 Guidelines Presenter: Sergio Sousa Company: Halliburton	Improving Machine Learning Workflow and Business Value for Oil and Gas Applications Presenter: Fahad Ahmad, Bo Liang, Meng Zhang, Chao Yang, Patrick Brody Company: Halliburton