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**2020-21 Distinguished Lecturers,**

**Topics, Company Affiliations and Discipline**

**Ahmed S. Amer**

*Lost Circulation, an Old Challenge in Need of New Solutions!*

Newpark Fluids Systems

**D**

**Amr Abdel-Fattah**

*Nanotechnology in Reservoir Applications*

Saudi Aramco

**R**

**Andy Cuthbert**

*Capping A Subsea Blowout Is Not Rocket Science - Or Is It?*

Halliburton, Boots & Coots

**HSES**

**Anthony Allison**

*Accurate Load & Position Measurement Is Critical to*

*Quality Dynamometer Analysis*

Occidental

**PO**

**Derrick O'Keeffe**

*In Relentless Pursuit of Offshore Safety: A Privileged Perspective*

NOPSEMA

**HSES**

**Hamed Soroush**

*Seven Sins of the Classic Wellbore Stability Models*

Petrolern LLC

**D**

**Henk Krijnen**

*Using Scenario Planning for Decision Making in the Energy Industry*

NavIncerta

**MI**

**James Ohioma Arukhe**

*Active Oilfield Development while Preserving Fragile Ecosystems*

Saudi Aramco

**PFC**

**Javier A. Franquet**

*Perfecting In-situ Stress Calibration for Field Developments*

Baker Hughes

**R**

**Jeffrey R. Bailey**

*Tuning a Drilling Assembly Like a Violin*

ExxonMobil

**D**

**John (J. M.) Clegg**

*Well Placement: Where We’re Headed;*

*Why Non-Drillers Should Care*

*JM Clegg Ltd*

**D**

**John de Wardt**

*Drilling Automation is Here: Propagation, Pitfalls, Profits & Production* DE WARDT AND COMPANY

**D**

**John R. Smitherman**

*A Fatal Clean-out...An Engineer's Role in Safety*

Stoneman Consulting

**HSES**

**Junjing (ZJ) Zhang**

*Mitigating Production Degradation Due to Frac Hits in Unconventional Reservoirs*

ConocoPhillips Company

**C**

**Kenneth Decker**

*Science vs The Art of Gas Lift*

Decker Technology, Inc. (Retired)

**PO**

**Kyle Haustveit**

*Making Decisions Using Completions Diagnostic Tools in Unconventional Reservoirs*

Devon Energy

**C**

**Leen Weijers**

*Fracture Model Calibration for*

*Conventional and Unconventional Rocks*

Liberty Oilfield Services

**C**

**Maria Angela Capello**

*Bouncing Forward: What Works for Boosting Resilience in*

*Individuals and Organizations*

Kuwait Oil Company

**MI**

**Matthew Welsh**

*Oiling the Cogs:*

*How Cognitive Science Can Improve Oil Industry Decisions*

University of Adelaide

**MI**

**Paul R. Craddock**

*Science of Kerogen:*

*Engineering Applications for Shale Exploration & Production*

Schlumberger

**R**

**Philip Hart**

*Techniques to Reduce Operating Costs for*

*Increased Reserves and Profitabilty*

Excalibur Ventures Inc.

**PO**

**Ray Tibbles**

*Getting the Most from Your Open Hole Gravel Packs*

DuneFront

**C**

**Rick Aldred**

*Looking at Old Logs in New Ways:*

*Re-evaluating Low Resistivity Intervals in Mature Fields to*

*Identify By-Passed Pay*

Independent Consultant

**R**

**Robert F. Shelley**

*Completion Design Using Artificial Intelligence and Machine Learning: Case Histories*

RF SHELLEY, LLC

**C**

**Roland N. Horne**

*Big Data and Machine Learning in Reservoir Analysis*

Stanford University

**R**

**Shahab D. Mohaghegh**

*Subsurface Analytics;*

*Digital Transformation of Reservoir Management with*

*Artificial Intelligence and Machine Learning*

West Virginia University

**R**

**Steven Rosenberg**

*Liner Drilling:  A Simple Solution to Complex Drilling Challenges*

Independent Consultant

**D**

**Talib Syed**

*Life Cycle Well Integrity:*

*Imperatives for Developing New and Mature Assets*

TSA Inc

**D**

**Thomas Hinterseer**

*From Piper Alpha to Macondo and 737 Max:*

*The Danger of a Pure Compliance Culture*

CEDEP

**HSES**

**Varma Gottumukkala**

*Digitizing Wellbore with Permanent Reservoir Monitoring and*

*Flow Control.*

*Is There a Value?*

Schlumberger

**PO**

**Xingru Wu**

*Maximize Financial Returns from Real-time Downhole Data* University of Oklahoma

**PO**