

Company Topics and Disciplines for SPE Distinguished Lecturer Season 2019-20

#	Topic	Name	Disc	Company
1	Using Advanced Geomechanical Analysis to Define Practical Cut-offs for Sand Management Decisions	Abbas Khaksar	C	Baker Hughes, a GE company
2	Alternatives to Radionuclide-based Well Logging Techniques- Are they real or just wishful thinking?	Ahmed Badruzzaman	HSE	Pacific Consultants & Engineers
3	Enhanced Oil Recovery (EOR) for Unconventional Reservoirs: The Next Big Thing?	B. Todd Hoffman	R	Montana Tech
4	Data Analytics with Human Intelligence: Outlier Analysis for Decoding Unconventional Plays	Ben Stephenson	MI	Shell Canada
5	Using the Movement of Fluids in Geological Time to Improve Reservoir Characterization	Bruce James	R	Suncor
6	Toolkit for Making Better Decisions when Faced with Ethical Dilemmas	C. Susan Howes	MI	Subsurface Consultants & Associates, LLC
7	Petroleum Resources Management System (PRMS): Maintaining the Global Standard and Addressing Key Concerns	Dan DiLuzio	MI	Newfield Exploration
8	Driving Conformance Success Through Better Problem Understanding and a Process Approach	David D. Smith	PO	ConocoPhillips Inc
9	Magnetic Resonance Technology: from Medical to the Oil Industry	Gabor Hursan	R	Saudi Aramco
10	Rotary Steerable Systems Current Trends and Future Directions	Geoff Downton	D	Schlumberger
11	Enhancing Fluid Recovery in shales: Why Pores less than 10nm Matter	Gregory Walker	R	Repsol
12	Development of Organic Shales Outside North America	Hai Liu	C	Schlumberger
13	What Happens When Heavy Oil and Solvent Mix?	Harvey Yarranton	R	University of
14	EOR While Fracturing: Unconventional Rock-Fluid Interactions	Hassan Dehghanpour	R	University of Alberta
15	How Resilient Are We? An Examination of the Vulnerabilities of Upstream and Downstream Infrastructure to Natural Disasters and its Mitigation Effort	Hitesh Mohan	MI	INTEK Inc.
16	Engineered Well Design: From Spud to Abandonment	Hussain Rabia	D	EPL
17	Coupling Downhole and Surface fluid Measurements to Reveal Fluids Distribution While Drilling	Ilaria De Santo	R	Schlumberger
18	Clearing the Air: Mitigating Respirable Crystalline Silica	John Jackson	HSE	Covia
19	Integrated Approaches to Determining Net Pay: Caveats and Lessons Learned	John Kaldi	R	Australian School of Petroleum
20	Marginal Fields How to Maximize Profit and Minimize Risk	John Pringle	PFC	Bluefin Petroleum
21	Vulnerability and Management of Water Injectors	Kazeem A. Lawal	R	FIRST Exploration & Petroleum Development Company Limited

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22	Understanding Geochemical Controls: A Key to Enhanced Reservoir Characterization and Management	Khaled Arouri	R	Saudi Aramco
23	Production Optimisation of Conventional and Unconventional Wells with ESP Real Time Data	Lawrence Camilleri	PO	Schlumberger
24	Sustainability in Action – bringing it home, making it real!	Linda A. Battalora	HSE	Colorado School of Mines
25	Behind Casing/Tubing Opportunities Identified From Cased Hole Water Saturation Measurements	Long Jiang	PO	Schlumberger
26	Thriving in a Lower for Longer Environment	Mary Van Domelen	MI	Van Domelen International
27	Field Applications of Capacitance-Resistance Models in Waterfloods: A Decade Review	Morteza Sayarpour	R	Chevron
28	Asphaltene Gradients, Connectivity and Tar Mats All Treated by Simple Chemistry and Reservoir Fluid Geodynamics	Oliver C. Mullins	R	Schlumberger
29	Drilling Decision Management in the Age of Drilling Automation	Richard Meehan	D	Schlumberger
30	Compositional Simulation that is Truly Compositional	Russell T. Johns	R	The Pennsylvania State University
31	A Performance-based Approach for Developing Upstream Professionals	Salam Salamy	MI	Saudi Aramco
32	"Reservoir Engineering While Drilling" in Horizontal Wells	Shahid Azizul Haq	R	Schlumberger
33	Root Cause and Mitigation for Sand Production	Surej Subbiah	PO	Schlumberger
34	Drilling Optimization Revisited: How Close are We to Drilling Optimization While Drilling (DOWD)?	Vassilios Kelessidis	D	Khalifa University of Science and Technology