SPWLA Topical Conference on

Ultra Deep Azimuthal Resistivity (UDAR)

23rd to 25th March 2026 London, UK

SPWLA 2026 UDAR Topical Conference

AGENDA

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March 23rd Day 1								
Session	**Session**	**Start**	**End**	**Abstract No.**	**Topic**	**Category**	**Presenter**	
		08:00	**09:00**		**Registration & Refreshments**			
		09:00	**09:15**		**Conference Opening Remarks**			
		09:15	**10:45**		**Learning Session 1**	**Inversion**	**Various**	
BREAK								
1.1	1.1.0	11:00	11:30	1	From Outcrop To Resistivity Responses: Field-Based Training For Understanding Subsurface Fluvial Reservoirs Using Synthetic Ultra-Deep Azimuthal Resistivity (Udar) Inversions.	Theory	Equinor	Arthur Walmsley David Holborough
	1.1.2	11:30	12:00	3	Some Common Pitfalls In The Inversion Of Borehole UDAR Measurements	Theory	University Texas Austin	
LUNCH								
1.2	1.2.1	13:00	13:30	30	Application Of Advanced Inversion Workflow For Ultra Deep Azimuthal Resistivity To Optimize Well-Placement In Identical Thin Reservoirs Associated With Sub-Seismic Faults, With Strict Footage Distribution In Each Reservoir Subzones—Case History In The Rub Al Khali Basin, UAE	Case History	ADNOC/Baker Hughes	Mauro Viandante
	1.2.2	13:30	14:00	17	Subsurface Geological Understanding With Ultra-Deep Azimuthal Resistivity (UDAR)	Theory	ENI	Frank Antonsen
	1.2.3	14:00	14:30	26	Independent Inversion And Interpretation Of UDAR Data For Enhanced Geosteering	Theory	Maxwell Dynamics	
BREAK								
1.3	1.3.0	15:00	15:30	15	Optimized Field Development In NCS Green Field Project With Application Of 3D UDAR Technology	Case History	slb	Carlos Torres Verdin
	1.3.2	15:30	16:00	29	Real-Time 1D Inversion Of Ultra-Deep Azimuthal Resistivity Data Using Stochastic And Deterministic Algorithms	Theory	Rogii	Egil Romsas Fjeldberg
	1.3.3	16:00	16:30	12	Application Of High-Definition Inversions Utilizing Ultra-Deep Azimuthal Resistivity To Map Variable OWC Level In The First Multilateral Well In Umm Gudair Field	Case History	KOC/Baker Hughes	
Evening		16:30	20:00	**ICE BREAKER**				

March 24th Day 2								
Session	**Session**	**Start**	**End**	**Abstract No.**	**Topic**	**Category**	**Presenter**	
		08:30	**09:00**		**Registration & Refreshments**			
		09:00	**10:15**		**Learning Session 2**	**Inversion II**	**Various**	
BREAK								
2.1	2.1.1	10:30	11:00	7	Characterization Of Inversion Artefacts In UDAR Data For Geosteering Applications	Theory	Equinor	Tim Parker
	2.1.2	11:00	11:30	21	The Industry's Need For A True Triaxial, Collocated Multi-Depth Azimuthal Resistivity In Lwd: The Step Change To Increased Sensitivity And Certainty	Hardware	slb	David Larsen
	2.1.3	11:30	12:00	16	Application Of UDAR Advanced Reservoir Mapping In A Low Resistivity Contrast, Structural Complex, Naturally Fractured Environment -A North Sea Case Study.	Case History	bp/Baker Hughes	
LUNCH								
2.2	2.2.1	13:00	13:30	27	Advanced UDAR Measurements Using Transceiver Configurations	Hardware	Baker Hughes	Nigel Clegg
	2.2.2	13:30	14:00	8	Accessing Multiple Fault Blocks With A Horizontal Well Using Udar Technology Improves Economics And Reduces Footprint Of Infill Wells: A Goa Case Study	Case History	bp/slb	Maurizio Mele
	2.2.3	14:00	14:30	19	Upscaling 1D And 3D Ultra-Deep Reservoir Mapping In Carbonate Reservoir: Insights From Multiple Wells, Offshore Abu Dhabi	Case History	ADNOC/ HAL	
BREAK								
2.3	2.3.1	15:00	15:30	4	Rapid Adaptive 2D/3D UDAR Inversion: Leveraging A New Block Gauss-Radau Solver And Adjoint Solutions	Theory	University Texas Austin	Michael Rabinovich
	2.3.2	15:30	16:00	18	Enhancing Field Development In Complex Depositional Environments Using Real-Time 3D Reservoir Mapping With Ultra-Deep Azimuthal Resistivity	Case History	Aramco/slb	Warren Fernandes
BREAK								
2.4	2.3.3	16:15	17:00		**bp Sponsored open technical session on Application and Future Impact of AI within Geosteering. John Stephenson (bp VP Subsurface and Wells Technology)**	**Open Discussion**	**All**	
	2.3.4	17:00	19:00		**bp Sponsored AI networking and refreshments**	**Open Discussion**	**All**	

March 25th Day 3								
Session	**Session**	**Start**	**End**	**Abstract No.**	**Topic**	**Category**	**Presenter**	
		08:30	**09:00**		**Registration & Refreshments**			
		09:00	**10:00**		**Poster Session**	**Poster**	**Various**	
BREAK								
3.1	3.1.1	10:30	11:00	5	A New Inter-Industry Modeling Workflow For UDAR Pre-Drill Studies In 3D Geological Environments	Theory	bp/HAL	David Holborough Egil Romsas Fjeldberg
	3.1.2	11:00	11:30	24	Integrated UDAR Analysis Of 1D/3D Near-Bit Look-Around And 3D Look-Ahead Inversions In A Horizontal Well In A Complex Clastic Channel Environment.	Case History	Aramco/HAL	
	3.1.3	11:30	12:00	10	What Does It Take To Make A Robust UDAR Geostopping Strategy? Discussion Based On Geostopping Results From Production Wells On The Norwegian Continental Shelf	Case History	Equinor/slb	
LUNCH								
3.2	3.2.1	13:00	13:30	14	3D Pre-Drill Study Facilitates Fault Identification In Real-Time UDAR Images To Ensure Isolation Behind Casing In The Landing Section	Case History	bp/HAL	Tim Parker Kare Jensen
	3.2.2	13:30	14:00	11	Rapid Multi-Level Stochastic Inversion Of UDAR Measurements For Look-Ahead Imaging With Uncertainty Quantification	Theory	NORCE	
	3.2.3	14:00	14:30	2	Horizontal Look-Ahead Geosteering Unlocked By Novel Triaxial And Multi-Depth Azimuthal Resistivity	Theory	Aramco/slb	
BREAK								
3.3	3.3.1	15:00	15:30	6	Novel UDAR Workflow Combining 3D Reservoir Mapping With Resistivity Ranging While-Drilling	Theory	slb	Arthur Walmsley Michael Rabinovich
	3.3.2	15:30	16:00	25	Elevating 3D Reservoir Mapping With The New Flexible Inversion Data Format	Theory	Baker Hughes	
	3.3.3	16:00	16:30	28	Simulating Complex Geological Models To Demonstrate Responses For Automated Boundary Picking From UDAR Data And Target Planning For Improved Well Placement	Theory	HAL	
	3.3.4	**16:30**	**17:00**		**Conference Closing Remarks**			