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The Perth Basin Pitch

Matching Technology with Industry Need

2023



Wednesday September 13th

L16 Dexus Place,








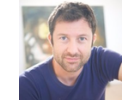
240 St Georges Tce, Perth











Welcome and Introduction

08:30	Perth Basin Pitch - Matching cutting-edge technology with industry need	 Mark Lisk	 Stephen Molyneux
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Session 1: Geology

09:00	Cuttings Digitisation: Creating a Digital Lithostratigraphic Database	 Edward Mortimer	
09:10	Game changer in grainsize-based sedimentary and petrophysical characterisation	 Lawrence Bourke	
09:20	AI/ML for Lithology Quantification from Drill Cuttings Analysis	 Marina Pervukhina	
09:30	Mercury in the Perth Basin, is it a risk for the deep gas reservoirs?	 Julien Bourdet	









Session 2: Petrophysics & RQ Evaluation

09:50	Extra confidence in Perth Basin fluid saturation from dielectric measurements	 Matthew Josh	
10:00	Water saturation within Oil and Gas Fields of the Perth Basin - Impact of uncertainty in Rw values	 Mark Lisk	
10:10	Role of palaeo-hydrocarbon charge in porosity preservation at depth	 Richard Kempton	
10:20	New tools for improved reservoir quality assessment in the Perth Basin	 Mark Lisk	









10:30 - 11:00

Morning Tea

Session 3: Geophysics

11:00	Seismic acquisition data visualisation and SIMOPS management	 Gregor Meikle	
11:10	TesserACT weighted path optimisation and compressive sensing survey design technology	 Martin Bawden	
11:20	Geoteric AI Seismic Interpretation	 Jacob Smith	
11:30	Regional scale geostatistical model for time to depth conversion	 Helen Debenham	


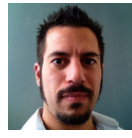






Session 4: Geophysics

11:50	Falcon AGG mapping key structure in the Perth Basin	 David Moore	
12:00	Open your eyes to the sub-surface: Improved and consistent geological and structural mapping	 Simon Cullen	
12:10	Direct detection of hydrocarbons using passive seismic	 Helen Debenham	
12:20	Introduction to poster pitch mini-session	 Stephen Molyneux	 Mark Lisk


12:30 - 13:30

Lunch

Session 5: Geomechanics & Pore Pressure

13:30	Reduce uncertainty and enhance safety for Perth Basin operators	 Rafi Jerejian	
13:40	The Tech Limit Toolbox: Bringing accessible geomechanical solutions to the Perth Basin	 Scott Mildren	
13:50	Effective trap integrity prediction to address key risk in the offshore Perth Basin	 Mark Lisk	
14:00	Western Australian Carbon Capture and Storage Atlas Data Release	 Julie Cass	


Session 6: Group Discussion

14:20	Introduction to the framework for pitch discussion and relative comparison: Matching technology solutions to recognised industry need in the Perth Basin	 Stephen Molyneux
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15:00 - 15:15

Afternoon Tea

Session 6: Group Discussion

15:15	Pitch discussion and relative comparison: Matching technology solutions to recognised industry need in the Perth Basin	 Chris Elders
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EXECUTIVE SUMMARY

16:30	Final recap of pitches and summary of group discussion for the benefit of key decision makers
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17:00 - 18:00

Networking Hour