

2026 Annual Meeting - Day 1

Tuesday, 3 November 2026

Curtin 137 St Georges Terrace (The Gallery Room): Level 1/137 St Georges Terrace, Perth WA 6000



Curtin University

CENTRE FOR EXPLORATION GEOPHYSICS

#	Start	End	Duration	Title	Speaker
	12:00	13:00	01:00	Lunch @Curtin 137 St Georges Terrace (Main Hall): Level 1/137 St Georges Terrace, Perth WA 6000	
1	13:00	13:25	00:25	Welcome and Housekeeping - CRGC Overview	Boris Gurevich
2	13:25	13:50	00:25	Earth & Planetary Sciences at Curtin University: Integrated Geoscience Across the Shells of the Planet and Into Space	Martin Van Kranendonk
3	13:50	14:10	00:20	Overview and Update on the Stage 4 Seismic Monitoring Program	Konstantin Tertyshnikov
4	14:10	14:30	00:20	Multi-well DAS-VSP Monitoring of CO ₂ Storage: Repeatability Challenges and Short-Term Plume Evolution at Otway Stage 4	Alina Almkhametova
	14:30	15:00	00:30	Afternoon Tea Break	
5	15:00	15:20	00:20	Cross-Interrogator 4D DAS-VSP Monitoring at the CO ₂ CRC Otway Stage-4 Site	Mustafa Al Marzooq
6	15:20	15:45	00:25	Continuous Monitoring of CO ₂ Injection Using Borehole DAS and Permanent Sources	Boris Gurevich
7	15:45	16:10	00:25	Monitoring of CO ₂ Injection Using DTS, DSS and Low-Frequency-DAS: Results from Otway Stage 4	Olivia Collet
8	16:10	16:30	00:20	Characterisation of ocean-related passive seismic events recorded using Borehole DAS from the Otway test site	Mikhail Vorobev
	16:30	17:00	00:30	Discussion	
	17:30	20:00	02:30	Dinner @Stampa! Restaurant (Charmain Boardroom): 125 St Georges Terrace, Perth WA 6000	

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	12:00	13:00	01:00	Lunch @Curtin 137 St Georges Terrace (Main Hall): Level 1/137 St Georges Terrace, Perth WA 6000	
1	13:00	13:25	00:25	Offset VSP with a Sparker Source and Distributed Acoustic Sensors: CO2CRC Otway Case Study	Konstantin Tertyshnikov
2	13:25	13:45	00:20	Numerical Modeling of the Effect of Injected CO ₂ on Downhole DAS Traveltimes and Amplitudes	Aditya Priyadarshi
3	13:45	14:10	00:25	Full-Waveform Sonic Monitoring of CO ₂ Microbubble Injection at the Otway Test Site	Peleg Haruzi
4	14:10	14:30	00:20	Developing an Ensemble Seismic History-Matching Workflow for CO ₂ Plume Monitoring Using Otway Stage 2C Surface Seismic Data	Alina Almkhametova
	14:30	15:00	00:30	Afternoon Tea Break	
5	15:00	15:20	00:20	Sparse-Label Machine Learning for Passive DAS Seismic Catalogue Expansion: Application to the CO2CRC Otway Stage 4 Dataset	Ilgiz Almkhametov
6	15:20	15:45	00:25	Estimating Magnitude of Microseismic Events from DAS Data Recorded During and After Otway Stage 4 CO ₂ Injection	Boris Gurevich
7	15:45	16:10	00:25	Near-surface shear-wave velocities from Scholte Wave Inversion of Offshore Platform Generated Noise Recorded Using Subsea DAS	Leander Erbe King
8	16:10	16:30	00:20	Wavefield Separation with Different DAS Cables	Andrej Bona
	16:30	17:00	00:30	Discussion	
	17:30	19:30	02:00	Sundowner @Small Print: 125 St Georges Terrace, Perth WA 6000	

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	12:00	13:00	01:00	Lunch @Curtin 137 St Georges Terrace (Main Hall): Level 1/137 St Georges Terrace, Perth WA 6000	
1	13:00	13:25	00:25	Investigation of WA Shallow Dyke Complex Using Various Seismic Methods: Reverse-VSP, Cross-well, 2D Surface Seismic	Nikita Beloborodov
2	13:25	13:40	00:15	Integrating Data Science and Machine Learning with Geophysics: Background, Capabilities, and PhD Research Direction	Mohammadreza Koopialipoor
3	13:40	14:05	00:25	Ai-Assisted Coding For 3D Reverse-Vsp Traveltime Tomography	Pavel Shashkin
4	14:05	14:30	00:25	In-Well High-Frequency Seismic Monitoring with DAS at the CO2CRC Otway Test Centre: Tube Wave Analysis	Pavel Shashkin
	14:30	15:00	00:30	Afternoon Tea Break	
5	15:00	15:25	00:25	Bioenergetics of CCS: Assessing the Potential of Microbially-Assisted In-Situ Carbon Mineralisation	Stephanie Vialle
6	15:25	15:50	00:25	Rock Physics Modeling on Thermally Cracked Sandstone Reservoirs	Shyam Raj Baloor
7	15:50	16:15	00:25	Monitoring scCO ₂ Injection in the Laboratory Using DAS and Ultrasonic Techniques	Maxim Lebedev
	16:15	17:00	00:45	Discussion and Closing Remarks	

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