

2024 Annual Meeting - Day 1



SILIXA

Tuesday, 19 November 2024 13:00

#	Start	End	Duration	Title	Speaker
	12:00	13:00	01:00	Lunch	
1	13:00	13:25	00:25	Welcome and Housekeeping	Boris Gurevich
2	13:25	13:50	00:25	High-resolution Downhole DAS Data Acquisition with Electric Sparker	Konstantin Tertyshnikov
3	13:50	14:10	00:20	Crosswell CO2 Monitoring with DAS	Nikita Beloborodov
4	14:10	14:30	00:20	Reverse 4D VSP Detects a Small-Scale Controlled Shallow CO2 Leakage Along a Fault: Otway Project Case Study	Roman Isaenkov
	14:30	15:00	00:30	Tea Break	
5	15:00	15:20	00:20	Time-lapse DAS VSP Seismic Monitoring of a Shallow CO2 Controlled-Release Experiment	Valeria Shulakova
6	15:20	15:45	00:25	Offset VSP Acquired with a Single-Use Fiber-Optic Probe: Gorgon CCS Case Study	Konstantin Tertyshnikov
7	15:45	16:10	00:25	Using Direct P-wave DAS Amplitudes to Distinguish Between Uniform and Patchy Saturation at the Well Location	Boris Gurevich
8	16:10	16:30	00:20	Modelling Depth Dependency of Rayleigh-wave DAS Amplitudes in Multilayered Media	Boris Gurevich
	16:30	17:00	00:30	Discussion	

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2024 Annual Meeting - Day 2



SILIXA

Wednesday, 20 November 2024 13:00

#	Start	End	Duration	Title	Speaker
	12:00	13:00	01:00	Lunch	
1	13:00	13:25	00:25	A field Trial of a Distributed Acoustic Sensing Seismic Land Streamer in Pilbara, Australia	Konstantin Tertyshnikov
2	13:25	13:45	00:20	DAS VSP Using FLI Probe in the ICDP Deep Well at the Ivrea-Verbano Zone (IVZ), Italian Alps	Konstantin Tertyshnikov
3	13:45	14:10	00:25	Can Aircraft Noise be Detected with a Buried DAS Array?	Boris Gurevich
4	14:10	14:30	00:20	Low-Power Three-Component Seismic Source	Pavel Shashkin
	14:30	15:00	00:30	Tea Break	
5	15:00	15:25	00:25	Guest Speaker: Advances in Induced Seismicity Analysis	Serge Shapiro
6	15:25	15:45	00:20	Microseismic Monitoring for Longwall Mining	Mikhail Vorobev
7	15:45	16:05	00:20	A Deep Learning Approach for Microseismic Detection with Downhole DAS	Emad Al-Hemyari
8	16:05	16:30	00:25	Supervised Deep Learning for DAS Denoising: Impact of the Training Dataset	Olivia Collet
	16:30	17:00	00:30	Discussion	

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2024 Annual Meeting - Day 3



SILIXA

Thursday, 21 November 2024 13:00

#	Start	End	Duration	Title	Speaker
	12:00	13:00	01:00	Lunch	
1	13:00	13:25	00:25	Distributed Acoustic Sensing for Underwater Passive Acoustic Monitoring	Evgeny Sidenko
2	13:25	13:50	00:25	Long-range Distributed Acoustic Sensing – Key Learnings from Laboratory Experiments	Olivia Collet
3	13:50	14:10	00:20	Long-range DAS-VSP Trials at Curtin GeoLab Facility	Roman Pevzner
4	14:10	14:30	00:20	Coupled Chemical and Physical Processes for Quantitative Interpretation of Geophysical Data - CO2 Storage and Potential H2 Storage and Exploration	Stephanie Vialle
	14:30	15:00	00:30	Tea Break	
5	15:00	15:25	00:25	A Thermodynamic-based Framework to Screen for Biogeochemical Processes in Underground Hydrogen Storage	Stephanie Vialle
6	15:25	15:50	00:25	Low-Frequency Measurements of Rock Elastic Properties Using DAS: Latest Developments	Olivia Collet
7	15:50	16:15	00:25	Gas Solidification in Porous Media: Towards Seismic Exploration on Mars	Maxim Lebedev
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	16:15	16:45	00:30	Discussion	

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