

| # | 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   |                         |

CRGC Sponsors:



| # | 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    | Low-Power Three-Component Seismic Source  | Pavel Shashkin          |
| 3 | 13:45 | 14:05 | 00:20    | DAS VSP Using FLI Probe in the ICDP Deep Well at the Ivrea-Verbano Zone (IVZ), Italian Alps | Konstantin Tertyshnikov |
| 4 | 14:05 | 14:30 | 00:25    | Can Aircraft Noise be Detected with a Buried DAS Array?                                     | Boris Gurevich          |
|   | 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  |                         |

CRGC Sponsors:



Santos

aramco



SILIXA

| # | 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    |
| - | -     | -     | -        | -  | -                |
|   | 16:15 | 16:45 | 00:30    | Discussion   |                  |

CRGC Sponsors:



Santos

aramco



SILIXA