

| | Start Time | End Time | Duration | Presenter | Title | Author List |
|-----------------------------|------------|----------|----------|-------------------------|--|---|
| Wednesday, 18 November 2020 | 13:00 | 13:10 | 0:10 | Boris Gurevich | Welcome | |
| | 13:10 | 13:35 | 0:25 | Konstantin Tertyshnikov | Borehole seismic experiments in Curtin Borehole Research facility. Distributed acoustic sensing and high resolution seismic. | K.Tertyshnikov, R. Pevzner and the team |
| | 13:35 | 14:00 | 0:25 | Sana Zulic | Curtin GeoLab Research facility: Walkaway VSP with DAS and geophones | S. Zulic, K. Tertyshnikov, A. Yurikov, E. Sidenko, R. Isaenkov, R. Pevzner |
| | 14:00 | 14:25 | 0:25 | Roman Isaenkov | Monitoring rock properties from borehole DAS and geophone amplitudes | R. Isaenkov, S. Glubokovskikh, K. Tertyshnikov, R. Pevzner, A. Bona |
| | 14:25 | 14:50 | 0:25 | Sofya Popik | P-Wave Anisotropy Estimation from 3D VSP Data Acquired with Geophones and DAS | S. Popik, R. Pevzner, A. Bona, K. Tertyshnikov, S. Glubokovskikh, B. Gurevich |
| | 14:50 | 15:10 | 0:20 | | Session Discussion | |
| | 15:10 | 15:25 | 0:15 | | BREAK | |
| | 15:25 | 15:50 | 0:25 | Alexey Yurikov | Multi-well 3D DAS VSP imaging with engineered fibres | A. Yurikov, K. Tertyshnikov, R. Pevzner, R. Isaenkov |
| | 15:50 | 16:15 | 0:25 | Roman Isaenkov | Automation of continuous DAS-VSP monitoring with permanent sources for CO ₂ geosequestration | R. Isaenkov, S. Yavuz, R. Pevzner, K., Tertyshnikov, S. Glubokovskikh, A. Yurikov, B. Gurevich, J. Correa, T. Wood, B. Freifeld, M. Robertson |
| | 16:15 | 16:40 | 0:25 | Konstantin Tertyshnikov | Seasonal effects on DAS using buried helically wound cables | K. Tertyshnikov, R. Pevzner, G. Bergery, B. Freifeld |
| 16:40 | 17:40 | 1:00 | | General Discussion | | |
| Thursday, 19 November 2020 | 13:00 | 13:25 | 0:25 | Andrej Bona | Performance of various installations of distributed acoustic sensors for 2D and 3D surface seismic studies | A. Bona, A. Yurikov, K. Tertyshnikov, R. Pevzner |
| | 13:25 | 13:50 | 0:25 | Roman Pevzner | Underground sounds from an abandoned well: forensic analysis of distributed acoustic sensing data | R. Pevzner, K. Tertyshnikov, E. Sidenko, R. isaenkov, S. Glubokovskikh, L. Ricard, S. Sharma, D. Van Gent |
| | 13:50 | 14:05 | 0:15 | Konstantin Tertyshnikov | 3D VSP for coal seams exploration using permanently installed DAS | K. Tertyshnikov, A. Yurikov, R. Pevzner, A. Bona, S. Ziramov, M. Urosevic, J. Cristall |
| | 14:05 | 14:20 | 0:15 | Chris Qin | Distributed acoustic sensing technique for seismic while drilling | C. Qin, M. Urosevic, R. Pevzner |
| | 14:20 | 14:45 | 0:25 | Evgenii Sidenko | Influence of interrogators' design on DAS directional sensitivity | E. Sidenko, A. Bona, R. Pevzner, K. Tertyshnikov, N. Issa |
| | 14:45 | 15:05 | 0:20 | | Session Discussion | |
| | 15:05 | 15:20 | 0:15 | | BREAK | |
| | 15:20 | 15:35 | 0:15 | Mohammed Aldakheel | Characterization of a CO ₂ storage driven by seismic 4D signal from a prior injection using artificial neural network | M. Aldakheel, S. Glubokovskikh, B. Gurevich, R. Pevzner |
| | 15:35 | 15:50 | 0:15 | Sasha Ziramov | Investigations into FWI on high resolution 3D land seismic data | S. Ziramov, M. Urosevic |
| | 15:50 | 16:15 | 0:25 | Evgenii Sidenko | Temperature effect on DAS measurements | E. Sidenko, R. Pevzner, M. Lebedev, K. Tertyshnikov |
| 16:15 | 16:40 | 0:25 | Silixa | Guest Talk | | |
| 16:40 | 17:40 | 1:00 | | General Discussion | | |
| Friday, 20 November 2020 | 13:00 | 13:25 | 0:25 | Stanislav Glubokovskikh | Downhole distributed acoustic sensing reveals the wave field structure of the coastal microseisms | S. Glubokovskikh, R. Pevzner, B. Gurevich |
| | 13:25 | 13:50 | 0:25 | Stanislav Glubokovskikh | Fluid induced seismicity from a small CO ₂ injection into a saline aquifer | S. Glubokovskikh, B. Gurevich, R. Pevzner, E. Sidenko |
| | 13:50 | 14:15 | 0:25 | Jiabin Liang | Seeing the invisible – grain contact moduli inversion with digital rock physics | J. Liang, B. Gurevich, M. Lebedev, S. Vialle, S. Glubokovskikh |
| | 14:15 | 14:40 | 0:25 | Yongyang Sun | Modeling the effect of pressure on the moduli dispersion in fluid-saturated rocks | Y. Sun, B. Gurevich |
| | 14:40 | 15:00 | 0:20 | | Session Discussion | |
| | 15:00 | 15:15 | 0:15 | | BREAK | |
| | 15:15 | 15:40 | 0:25 | Vassili Mikhaltsevitch | A laboratory study of the effective stress coefficient for seismic velocities in sandstone | V. Mikhaltsevitch, M. Lebedev, B. Gurevich |
| | 15:40 | 15:55 | 0:15 | André E. C. M. de Souza | Laboratory measurements of acoustic velocities and anisotropy in gold-hosting structure: example of Thunderbox gold deposit, WA | A.E.C.M. de Souza, S. Vialle, J. Sarout, C. Delle Piane, V. Luzin, M. Sari, Y. Kovalyshen |
| | 15:55 | 16:20 | 0:25 | Stephanie Vialle | Mapping elastic moduli of rock constituents | S. Vialle, M. Lebedev |
| | 16:20 | 17:45 | 1:25 | | General Discussion | |