

DATE	TIME	ROOM	AUTHOR(S)	TITLE
Emerging Opportunities and Methodologies				
Monday May 13	11:00-11:25 AM	Telus Room 101-102	Raul Cova, Heather K. Hardeman-Vooyo, Da Li1 and Matt McDonald	Distributed acoustic sensing applications for near-surface characterization and traffic monitoring
Seismic Inversion - Full-Waveform Inversion				
Monday May 13	1:50-2:15 PM	Glen Room 205	Raul Cova, Kris Innanen and Marianne Rauch-Davies	Effect of deconvolution operations on the elastic FWI of a walkaway VSP dataset
Monday May 13	2:15-2:40 PM	Glen Room 205	Scott D Keating, Kristopher A Innanen	Reducing crosstalk in viscoelastic FWI through parameterization choice
Monday May 13	3:20-3:45 PM	Glen Room 205	Sergio J. Romahn and Kristhoper Innanen	Log-validated FWI with wavelet phase and amplitude updating
Monday May 13	4:10-4:35 PM	Glen Room 205	Matthew Eaid, Kris Innanen	Toward 4C FWI: Distributed acoustic sensing and 3C as complementary datasets
Emerging Seismic Technology				
Monday May 13	4:35-5:00 PM	Glen Room 206	Kris Innanen, Don Lawton, Kevin Hall, Kevin Bertram, Malcolm Bertram, and Henry Bland	Field deployment and response of a shaped DAS fibre loop
Machine Learning / AI / Big Data I				
Tuesday May 14	9:00-9:25 AM	Glen Room 206	Marcelo Guarido	Machine Learning Strategies to Perform Facies Classification
Global Carbon Capture, Storage, Utilization and Monitoring				
Tuesday May 14	9:00-9:25 AM	Telus Room 111	Marie Macquet and Don Lawton	Using passive seismic data at the CaMI Field Research Station, Newell County, Alberta Canada
Tuesday May 14	9:25-9:50 AM	Telus Room 111	Adriana Gordon, Don C. Lawton, Kevin Hall and Tom Daley	Processing of walk-away DAS and geophone VSP data from the CaMI Field Research Station, Newell County, Alberta
Seismic Processing - Applied				
Tuesday May 14	1:25-1:50 PM	Glen Room 205	David C. Henley	Wrinkles in time: removing surface effects from 3D source ensembles
Tuesday May 14	2:15-2:40 PM	Glen Room 205	Heather K. Hardeman-Vooyo, Matt McDonald, Michael P. Lamoureux	VSP using Distributed Acoustic Sensing at the CaMI Field Research Station in Newell County, AB - August 2018
Tuesday May 14	3:45-4:10 PM	Glen Room 205	J. Helen Isaac, Don C. Lawton and Malcolm B. Bertram	Shear-wave studies of the near-surface at the CaMI Field Research Station in Newell County, Alberta
Tuesday May 14	4:10-4:35 PM	Glen Room 205	Kevin W. Hall, Kevin L. Bertram, Malcolm Bertram, Kris Innanen, and Don C. Lawton	CREWES 2018 multi-azimuth walk-away VSP field experiment
Tuesday May 14	4:35-5:00 PM	Glen Room 205	Nasser Kazemi, Daniel Trad, Kris Innanen, Roman Shor	Least-squares RTM of a seismic-while-drilling dataset
Machine Learning / AI / Big Data II				
Tuesday May 14	1:25-1:50 PM	Glen Room 206	Shahpoor Moradi, Daniel Trad, and Kristopher A. Innanen	An active role for quantum computation in exploration seismology
Tuesday May 14	3:45-4:10 PM	Glen Room 206	Jian Sun, Zhan Niu, Kristopher Innanen, Junxiao Li, Daniel Trad	A deep learning perspective of the forward and inverse problems in exploration geophysics
GeoModelling Modelling Geological and Geophysical Phenomena				
Wednesday May 15	11:00-11:25	Glen Room 206	Huaizhen Chen, Junxiao Li and Kristopher Innanen	Nonlinear inversion for fluid and stress parameters
Microseismic II				
Wednesday May 15	11:00-11:25	Telus Room 101-102	Ronald Weir, L. Lines, D. Lawton, D. Eaton, A Poulin	Can continuously recorded seismic data be improved with signal processing? The application of deconvolution to microseismic data.
POSTERS				
			Heather K. Hardeman-Vooyo, Michael P. Lamoureux	Analytic models of distributed acoustic sensing data for straight and helical fibre
			Jorge E. Monsegny and Daniel O. Trad	Pure P- and S-wave elastic reverse time migration with adjoint state method imaging condition
			Zhan Niu, Jian Sun, Daniel O. Trad	Inversion with the Born approximation in a deep learning framework
			Lei Yang and Daniel O. Trad	Comparison between time domain and frequency domain least-squares reverse time migration