

MIC talk/poster schedule for Geoconvention 2018

Talks

Session	Title	Day	Time	Room
Geomechanics in Hydraulic Fracturing	Time-Frequency Analysis of Treatment Pressure <i>Mason K. MacKay*, David W. Eaton, Christopher R. Clarkson</i>	Mon, May 7	2:15 - 2:40pm	Telus 106
Microseismic I	A k-mean characteristic function to improve STA/LTA detection <i>Jubran Akram*, Daniel Peter, and David Eaton</i>	Tue, May 8	9:25 - 9:50am	Glen 206
	Energy-stack and Kurtosis: the dynamic duo for microseismic event identification <i>Atila S. Paes and David W. Eaton</i>		11:00 - 11:25am	
Induced Seismicity – Modeling and Case Studies	Tony Creek Dual Microseismic Experiment (ToC2ME) <i>David W. Eaton, Nadine Igonin, Andrew Poulin, Ron Weir, Hongliang Zhang, Scott Pellegrino, German Rodriguez</i>	Tue, May 8	11:00 - 11:25am	Telus 111
Laboratory Geomechanics and Modeling	A Laboratory Acoustic Emission Experiment on Montney Shale <i>Suzie Jia, Ron Wong, David Eaton</i>	Tue, May 8	1:25 - 1:50pm	Glen 205
Microseismic II	The Application of the Signal Duration Method for Magnitude Estimation of Microseismic Events <i>Germán Rodríguez-Pradilla and David W. Eaton</i>	Tue, May 8	2:15 - 2:40pm	Telus 101 - 102
	Focal-time estimation: A new method for stratigraphic depth control of induced seismicity <i>Ronald M Weir, Andrew Poulin, Nadine Igonin, David W. Eaton</i>		3:00 - 3:25pm	
	Master event relocation of microseismic event using the subspace detector <i>Ibinabo Bestmann, Fernando Castellanos and Mirko van der Baan</i>		3:25 - 3:50pm	
Induced Seismicity – Detection, Processing and Characterization	Workflow for the automated detection and processing of the induced seismicity in the Crooked Lake Area <i>Volodymyr Vragov and David W. Eaton</i>	Wed, May 9	9:00 - 9:25am	Glen 206
	Monte Carlo simulations for analysis and prediction of non-stationary magnitude-frequency distributions in probabilistic seismic hazard analysis <i>Mauricio Reyes Canales and Mirko van der Baan</i>		10:35 - 11:00am	
	Seismic Hazard and Cellular Automaton <i>Edouard Kravchinsky, Mirko van der Baan, and Javad Kazemian</i>		11:00 - 11:25am	

Posters

Title	Day	Time	Board
Energy-stack and Kurtosis: the dynamic duo for microseismic event identification <i>Atila S. Paes, David W. Eaton</i>	Mon, May 7	10.20am	46
An Industry Perspective on Induced Seismicity <i>Scott H. McKean, Jeffrey A. Priest, David W. Eaton, Jordan Philips, Mirko van der Baan</i>	Mon, May 7	10.20am	94
Source Mechanisms of Hydraulic-Fracturing Induced Event Sequences in the Fox Creek Area <i>Hongliang Zhang, and David W. Eaton</i>	Mon, May 7	10.30am	7
Utilizing Seismic attributes and the Microseismic response to characterize a region of the Horn River Basin <i>Alana H. Kent, David W. Eaton</i>	Tue, May 8	9.55am	14
Basement Tectonics and Fault Reactivation in Alberta, Canada <i>Eneanwan Ekpo, David W. Eaton and Ronald Weir</i>	Tue, May 8	10.30am	8
A Laboratory Acoustic Emission Experiment on Montney Shale <i>Suzie Jia, Ron Wong, David Eaton</i>	Wed, May 9	10.00am	30
A k-mean characteristic function to improve STA/LTA detection <i>Jubran Akram, Daniel Peter, David Eaton</i>	Wed, May 9	10.20am	45