Consortium for Distributed and Passive Sensing

Annual Research Workshop 2024

INTERWELL PRESSURE COMMUNICATION AND INDUCED SEISMICITY

Wednesday, September 18, 2024
8:30 AM – 12:30 PM (MT)
Online via Microsoft Teams

SCHEDULE

In Mountain Time / UTC-6

8:30 AM	**Opening remarks** David Eaton (University of Calgary)
8:35 AM	**Forecasting Induced Seismicity with ORION** Kayla Kroll Whiteside (Lawrence Livermore National Laboratory)
9:05 AM	**Using pressure pulses to understand subsurface connectivity: A Midland Basin case study** Bill Curry and Stefan Hussenoeder (ExxonMobil)
9:35 AM	**A data-driven approach to pore pressure characterization in the Delaware Basin** Jamie Rich (Coterra)
10:05 AM	**Break**
10:20 AM	**Inferring maximum magnitudes from the ordered sequence of large earthquakes** Ryan Schultz (ETH Zürich)
10:50 AM	**Earthquake iso-nuisance and iso-damage maps for the risk management of induced seismicity: Preliminary application in Alberta** Mauricio Reyes Canales (Alberta Geological Surveys)
11:20 AM	**The Physical Processes of the Maximum Magnitudes of Induced Earthquakes** Cornelius Langenbruch (Free University of Berlin)
11:50 AM	**The temporal evolution of induced seismicity sequences generated by long-term, low pressure fluid injection** James Verdon (University of Bristol)
12:20 PM	**Closing remarks** Mirko van der Baan (University of Alberta)

Last update: September 12, 2024