



ABGS Program

June 4, 2024

Registration 8:00 - 8:45

Welcome 8:45 – 9:00 Jianli Yang – GSP Vice - President

Session I - Seismic Interpretation and Modelling

9:00 – 9:30 Matt Mayer, Marianne Rauch, TGS

Does Seismic Really Help Drill Better Unconventional Wells?

9:30-10:00 Guoxiang Liu 1, Xiongjun Wu2 and Vyacheslav Romanov 1

Unconventional Wells Interference: Supervised Machine Learning for Detecting Fracture Hits

10:00 – 10:30 William Harbert ORISE, Pittsburgh, PA, Pittsburgh, PA, Alan Mur, Ikon Science, Houston, Texas, Neala Creasy, LANL and Mohamed Hamdallah, University of Pittsburgh, Pittsburgh PA.

Geophysical and wireline log forward modeling of subsurface CO₂ and H₂ reservoir signatures relevant to energy projects

10:30 – 11:00 Break

11:00 – 11:30 Sasan Ghanbari, Aspen Technology, Inc.

Unconventional Reservoir Modeling for Improved Drainage Estimation and Field Development Optimization

11:45 – 1:30 Lunch

Keynote Speaker Dr. Peter Duncan

Is There Life After Frac'ing? (expanding the applications of microseismic monitoring)



Session II – Geomechanics and Seismic Acquisition

1:30 :00 – 2:00 Carolina Martinez – Baker Hughes

Completions Optimization using Drillbit Geomechanics

2:30 – 3:00 Joel Loeffler, Sr. Geologist Wellbore Services

Biases and assumptions, and the impact on your geomechanical model

3:00 – 3:30 Break

3:30 – 4:00 Joel Starr Peola Energy Resources

Forensic SEGP1 file generation for Legacy Seismic Data in the Appalachian Basin

3:30 - 5:00 Happy Hour