

# ABGS Program

June 7, 2023

## Welcome

8:15 - 8:30 **Scott Gorham, GSP President**

## Session I - Seismic Interpretation/Processing

8:30 – 9:00 **Joel Starr, Peola Energy Resources**

Identifying faults and estimating throw using curvature and cluster analysis: a method for more complicated areas of shale development

9:00 – 9:30 **Marianne Rauch, TGS**

Advancement in onshore imaging with the application of FWI

9:30 – 10:00 **Sissy Theisen/Corey Morgan, Land Noise**

Advanced imaging – Is it the whole solution?

10:30 – 11:00 **Jianli Yang, Seneca Resources**

HTI Characteristics of Marcellus and Utica in NW PA - Do they matter?

## Session II - Well Based Applications

11:00 – 11:30 **Jon McKenna, Microseismic, Inc.**

Treatment order is the cheapest and easiest change to make better wells

## **Keynote Speaker David Monk – Past President SEG (2012-2013)**

Looking at the history of seismic exploration through a lens of the future (AI)

## Session II - Well Based Applications (cont.)

1:30 – 2:00 **Adenan/Fathi/Carr/Panetta/Carney, West Virginia University**

Identification of baffle/barrier locations in Illinois Basin Decatur Project (IBDP) site using automated FMI log interpretation

2:00 – 2:30 **Sagnik Dasgupta, Schlumberger**

Comprehensive lithologic description, reservoir property and pore pressure prediction for unconventional shale reservoirs using rock physics: Midland reservoir characterization case study

## Session III - Seismic Interpretation – Trenton/Black River Play

3:00 – 3:30 **Tim Vance, Battelle**

3D seismic interpretation and attribute analysis of hydrothermally altered carbonates in the southern Michigan Basin

3:30 – 4:00 **Randall Hunt, Battelle**

Hydrothermal porosity as a "Sequesploration" target