

2025 Eastern Section AAPG Meeting – Technical Program

Presentation times TBD

Amy Weislogel (West Virginia University), Jonathan Knapp (Hitachi High-tech), and
Chi Ly (BrukerNano Analytics)

**Integrating automated mineralogy into energy geoscience applications in the
Appalachian basin**

Arkajyoti Pathak, Allison Clark, and Shikha Sharma (West Virginia University)

Uncovering the hidden role of iron (Fe) in underground hydrogen storage systems

Benjamin F. Dattilo, PhD (Purdue University Fort Wayne) and D. Randy Blood (DRB
Geological Consulting)

Petrographic evidence that Point Pleasant carbonates grew in the basin

D. Randy Blood (DRB Geological Consulting)

**The Upper Kellwasser Event in the Distal Appalachian Basin: How State Core
Repositories Unlock Deep-Time Mysteries**

Evan Zeller (Battelle Carbon Services)

**From Exploration to Sequestration: Leveraging CCS R&D and Oil & Gas Expertise for
Essential Operational Services**

John C. Barton and Shikha Sharma (West Virginia University)

**High-temperature Geothermal on the Eastern Seaboard: Discerning thermal regimes
in the Appalachian Plateau and Valley & Ridge**

Lindell C. Bridges (Pure Earth Resources)

Energy in Transition, the Hunt for Lithium in North America

Myles T. Moore, PhD (Isotech)

**Using Hydrocarbon and Noble Gas Geochemical Data to Understand Petroleum
Systems, Case Studies from the Illinois Basin and the Appalachian Basin**

Nate Grigsby, Shah Bilawal Ali (Illinois State Geological Survey), and Ashley S.B. Douds (Indiana Geological and Water Survey)

Petrophysical characterization of the Ordovician Shakopee sands, a new potential target for CCS in the Illinois Basin

Paul McColgan, PhD (McColgan Seismic Interpretation Services, LLC)

Exploring the historic Trenton Field of Indiana using modern seismic methods and attribute

Shah Bilawal Ali (University of Illinois Urbana-Champaign, Illinois State Geological Survey, Prairie Research Institute)

Facies Analysis of the Prairie du Chien Group in the Illinois Basin and Analogous Rocks in Missouri and Kentucky

Thomas Van Tassel (University of Cincinnati), Carl Brett (University of Cincinnati), Ben Dattilo (Purdue University Fort Wayne), Martin Welych-Flanagan (University of Cincinnati), Chris Waid (Ohio Geological Survey), Erika Danielsen (Ohio Geological Survey)

Correlation of Middle Devonian (Eifelian) Sequences and Unconformities in Ohio-Indiana: Implications for Sequence Stratigraphy and Bioevents