

2026 Technical Program

Morning Session

8:30 Opening Remarks Session I - Chairs - Morgan Brown and Sissy Theisen

8:40 Kickoff talk:
Photons, Phantoms, and Agents: Microseismic Detection, Synthetic Data Generation, and Agentic Modeling
Bob Clapp, Google X

9:25 **What do we need for improved handling of the near surface and how can we get it?**
Christof Stork, Land Seismic Noise Specialists

9:50 Break

Session II - Chairs - Grace Bastianon and Jess Puyear

10:15 **High West CCS Project Design: Maximizing Storage, Minimizing Impact**
Brad Birkelo, BKV

10:40 **Higher Mode Amplitude Variation with Azimuth as a Fracture Fluid Indicator: A Pannonian Basin Geothermal Case Study**
Scott Cook, Tricon Geophysics

11:05 **Cascade Tomography Applied to Karsting in the Permian Basin**
Chuck Diggins, DigginsGeo, LLC

11:30 Lunch Break



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Afternoon Session

12:20 *Keynote Address:*
The Mechanics of Wastewater Injection and The Challenge of Containment from Basement to Surface
Seth Buseti, PhD Center for Injection and Seismicity Research (CISR), Bureau of Economic Geology

1:05 Break

Session III—Chairs— Sarah Gach and Lisa D'Ambrosia

1:35 **Integrating Cross Discipline Data to Optimize Production and Prevent Casing Deformation in the Austin Chalk Play of South Texas**
Jon Holt, Black Mountain Oil and Gas

2:00 **The role of 2D seismic data in the evaluation of the Goodland unconventional reservoir**
Friso Brouwer, I³ Geo

2:35 **Discovery and Development of the Corvinus Unconventional Gas Field, Hungary**
Michael Peffer, Aspect Energy

3:00 Break

Session IV—Chairs— Andrew Keene and Jeff Zawila

3:25 **Enhancing Frequency Content of Onshore Seismic Data with Advanced Bandwidth Extension**
Marianne Rauch, Lumina

3:50 **An overview of modern 6C ultra high-density 2D multi-component seismic reflection program in the Northern Upper Mississippi Embayment, Western Kentucky**
Ted Stieglitz, Explor

4:15 **Using the Wave-Equation Based AVO Inversion to identify Dolomitization within Carbonates: Canning Basin Case Study**
Hansel Gonzalez, Autana Geoconsulting; formerly Delft Inversion

4:40 Closing Remarks - Best Speaker voting - Drinks & Awards

