


Tuesday, May 3rd, 2022

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| | 8:00 AM | Ben Davis, John Stroud | | Opening Remarks and Presentation of Awards |
| T1 | 8:20 AM | John Dvorak | | Keynote Presentation: Beyond Plate Tectonics |
| T2 | 9:20 AM | Alton Brown | Independent | Regional Controls on Pennsylvanian Fort Worth Basin and Eastern Shelf Deposition, North-Central Texas |
| T3 | 9:45AM | Hualing Zhang (Virtual) | Exploration and Development (RIPED), PetroChina | Tectonic and hydrocarbon evolution of the Permian Basin, West Texas based on regional gravity modeling, subsidence, and source rock maturity analysis |
| | 10:10 AM | Break - Coffee Bars Sponsored by: | |   |
| T4 | 10:30 AM | Leonela Aguada | Colorado School of Mines | Quantification of the lateral lithofacies and chemofacies heterogeneity of distal submarine-lobe deposits, Wolfcamp Formation, Delaware Basin, Texas |
| T5 | 10:55 AM | Megan Kalina | UTPB | Evaluation of Cementing Phases in the Cherry Canyon Formation of the Delaware Mountain Group, Ford Geraldine Field, Texas |
| T6 | 11:20 AM | Andrew Lewis | Fairfield Geotechnologies | 3D Seismic Resolution at Regional and Prospect-Level Scales |
| T7 | 11:45 AM | Sabyasachi Dash | University of Texas | A New Method for Assessment of Hydrocarbon Saturation in Organic-Rich Mudrocks |
| T8 | 12:10 PM | Jeff May | Colorado School of Mines | Using Sequence Stratigraphy to Optimize Target Selection in Unconventional Reservoirs |
| T9 | 1:20 PM | Emery Goodman | Bureau of Economic Geology (BEG) | Basin-scale Approach for Evaluating the Permian's Tight Oil and Gas Resources and Remaining Potential from Horizontal Wells (TORA Session Overview) |
| T10 | 1:35 PM | David Carr | Bureau of Economic Geology (BEG) | A Basin-Scale Assessment of Facies and Sediment Distributions from a Large Wireline Log Data Set, Bone Spring Formation (Leonardian), Delaware Basin, New Mexico and Texas |
| T11 | 2:00 PM | Katie Smye | Bureau of Economic Geology (BEG) | Delaware Basin In-Situ Stress, Pore Pressure, Geomechanics and Implications for Productivity |
| T12 | 2:25 PM | Brian Casey | Bureau of Economic Geology (BEG) | Delaware Basin: Evolution and total-basin geologic model of a developing, multi-bench play |
| | 2:50 PM | Break - Coffee Bars Sponsored by: | |   |
| T13 | 3:10 PM | David Carr | Bureau of Economic Geology (BEG) | The Middle Leonard Interval (Permian), Midland Basin, West Texas: A Highstand, Mixed Siliciclastic-Carbonate, Deep-Water Unconventional Oil Reservoir |
| T14 | 3:35 PM | Shuvajit Bhattacharya | Bureau of Economic Geology (BEG) | Mudrock Petrophysical Challenges in the Permian Basin: New Concepts and Workflows |
| T15 | 4:00 PM | Reinaldo Sabbagh | Bureau of Economic Geology (BEG) | Quantitative 3D Seismic Characterization of the Spraberry-Wolfcamp in the Midland Basin: Data Challenges, New Methods, and Results |
| T16 | 4:25 PM | Brian Casey | Bureau of Economic Geology (BEG) | A Regional Midland Basin Geologic Model: A bigger basin than you thought! |
| T17 | 4:50 PM | Svetlana Ikonnikova (Virtual) | Bureau of Economic Geology (BEG) | Permian Basin Outlook: The Enhanced Workflow to Analyze the Impact of High and Low Prices on Oil and Natural Gas Production |
| | 6 PM - 8 PM | AAPG-SWS Social at The Hanger | | |
| | <u>Morning Posters</u> | | | |
| P1 | Tues AM | Dan Olive | Sabata Energy Consultants | Characterization of Lower Barnett Unconventional Source Rocks: Midland Basin, Texas |
| P2 | Tues AM | Daniel Sparks | Angelo State University | Geology and Hydrology of San Angelo State Park |
| | <u>Afternoon Posters</u> | | | |
| P3 | Tues PM | Camilla Warden | Angelo State University | Investigating a Porphyritic Rhyolite Dike Intrusion near Llano County, TX: Examining the Unique Properties of the Blue Quartz Phenocrysts and Cause of Coloration |
| P4 | Tues PM | Abdulmutallib Aminu | UTPB | Visual Kerogen Analysis of the Woodford Formation in the Superior #1 Richburg well, Delaware Basin |
| P5 | Tues PM | Joe Bauman | Hunt Oil Company | Practical Analysis & Application of Mud Gas Shows, Bakken-Three Forks Unconventional Play, Williston Basin, North Dakota |