# SPEAKERS’ KIT

# 2022 Rocky Mountain Section American Association of Petroleum Geologists

# RMS-AAPG Next Horizons: The Future of Rockies Geology

# AAPG RMS

**General Chairs:** Thomas Hearon and Larry Rasmussen

**Technical Program Chairs:** Jesse Melick, Lisa Stright, and Justin Birdwell

**General Information**

Thank you for submitting your abstract to the 2022 RMS-AAPG Meeting being held **in person** from July 24th through the 27th in Denver, CO. You should have received an email acknowledging that your submission has been accepted for presentation at the meeting. Details regarding what session your presentation has been assigned to as well as the day and time it is scheduled for are available at the end of this document. Please note that the program is subject to change –the latest version will be posted at the meeting website as soon as possible after changes are made ([click here](https://www.aapgrms.org/annual-meeting/2022-denver/technical-program-at-a-glance/)).

The technical program will run for three days (Monday July 25th through Wednesday July 27th) between 8 am and 5 pm on Monday and Tuesday and through noon on Wednesday. Within this document you will find information on meeting registration and instructions for preparing your oral and poster presentations as well as a link to upload your slide deck(s) prior to the meeting. Additional information about the meeting can be found on the RMS-AAPG website ([click here](https://www.aapgrms.org/annual-meeting/2022-denver/)).

Oral presentations are each scheduled for 25 minutes. Please plan to allow for 5 minutes of Q&A at the end of your talk by limiting your presentation to 20 minutes. If you do not use the full 20 minutes, the Q&A discussion period can be expanded but the next presentation will not begin until its scheduled time. Talks are planned to begin every 25 minutes and the next talk in your session will begin as scheduled.

Poster sessions will be held on Monday and Tuesday. Presenters are asked to set up their poster displays by 8:30 am and take them down by 6 pm on Monday and 7 pm on Tuesday. Poster presenters will need to select times during which they will be available to discuss their poster with attendees.

**Session Schedule**

Please review the [day and time of your presentation](http://aapg.confex.com/aapg/2007am/techprogram/meeting_2007am.htm) in the technical program summary at the end of this document. Note that the schedule is subject to change due to withdrawals of presentations and other factors affecting the meeting. We expect to finalize the program before the meeting occurs but additional changes may be required after the meeting begins. If you are unable to give your presentation for any reason, please notify the technical program chairs immediately at [2022rmsaapg@gmail.com](mailto:2022rmsaapg@gmail.com).

The final deadline for changes to be included in the printed program (names, title, etc.) is **June 20th**.

## Meeting Registration

Online registration for the 2022 RMS-AAPG Meeting is open ([click here](https://www.aapgrms.org/annual-meeting/2022-denver/registration/)). All speakers must register for and attend the meeting in person in order to present their work. For questions regarding registration, please contact Michelle Gentzen ([michelle.gentzen@conferencedirect.com](mailto:michelle.gentzen@conferencedirect.com)) or Ellen Husch ([ellenhusch@gmail.com](mailto:ellenhusch@gmail.com)).

*Registration fees (guest registration not permitted for speakers)*

**Professional – One Day Only** $195.00

Includes technical program, admittance to exhibit hall, happy hour on specific day registered.

**Professional – Full Meeting** $395.00

Includes technical program, icebreaker on Sunday, admittance to exhibit hall, happy hour on Monday and Tuesday

**Student Registration** $60.00

Valid student ID required - includes technical program, icebreaker, admittance to exhibit hall, happy hour on Monday and Tuesday. Please contact Bridget Crowther ([bcrowther@rmag.org](mailto:bcrowther@rmag.org)) for student volunteer options and Lisa Stright ([lisa.stright@colostate.edu](mailto:lisa.stright@colostate.edu)) regarding gratis registration for students participating in student poster session.

Reservations for rooms at the conference hotel (Hyatt Regency Denver At Colorado Convention Center, 650 15th Street, Denver, CO 80202) can be accessed at the bottom of the registration page linked above (conference rate is $269/night).

# Oral Presentations

Specific details regarding the audio-video set up in your room will be provided by the sessions chairs or A/V contractor prior to the beginning of your session. Please plan to arrive at the room your session is assigned to at least 10 minutes before talks are set to begin. You will have access to a Windows computer, microphone, and remote or mouse for slide advancement and pointing.

You can upload your presentation files in advance by going to the meeting upload site ([click here](https://sites.google.com/view/2022-rms-aapg-abstracts/home)) or you can provide them at the meeting. The upload site will only accept PowerPoint or PDF files up to 100 MB in size. If your file is larger than 100 MB and you are unable to reduce its size without compromising image quality, you can load your file prior to your session or send the file via wetransfer.com to the technical program co-chairs at [2022rmsaapg@gmail.com](mailto:2022rmsaapg@gmail.com) (please use or reference the email address of the submitting author for Wetransfer submissions). Any questions you have should also be sent via email to that address. Your presentation file name should be the last name of the submitting author and if you have multiple presentations add a number (1, 2, 3, etc.) after the last name.

**Slide Decks**

No template is required for your presentation. Presentations should use a 16:9 slide ratio and your slide orientation should be landscape. Other slide ratios are permitted but will not take full advantage of the view screen your slides will be projected onto. Corporate logos are permitted but all speakers are required to avoid explicit commercialism in their presentations.

**Supported Formats**

The A/V system will likely be optimized for MS PowerPoint. If you choose to use another presentation package that is not compatible with PowerPoint, please plan to export your slides as a PDF.

# Poster Presentations

Presenters will need to print their poster prior to the meeting and travel with it or have it printed before their assigned session at a local print shop (there is one in the Convention hotel). Display panels will be provided as well as fasteners (push pins). Your poster will need to be on display in the assigned room by 8:30 am on the day of your session. Posters are to be available for viewing all day and presenters will need to select times during the day they will be available to discuss their work with attendees. We ask that you spend a minimum of 90 minutes over the course of the day at your poster. You will be given placards to fill out with the times you plan to be in attendance in the poster room.

**Poster Display Panels**

Each presenter will be assigned two panels for their poster presentation (see schematic below). You do not have to use both panels but there will not be additional space so be sure your poster will fit on the two panels you are provided. You can attach your poster to the panels using Velcro tape or push pins, which will be available in the poster hall.

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## Publishing

Please consider turning your abstract into a manuscript for submission to a regional journal, like *The Mountain Geologist* (Rocky Mountain Association of Geologists; [click here](https://www.rmag.org/index.php?src=gendocs&ref=TheMountainGeologist&submenu=MountainGeologist)) or *Geology of the Intermountain West* (Utah Geological Association; [click here](https://utahgeology.org/publications/geology-of-the-intermountain-west)) or the *AAPG Bulletin* ([click here](https://pubs.geoscienceworld.org/aapgbull/)).

### Search and Discovery

Following the meeting, abstract submitters will be contacted about making the title, authors list, and text printed in the meeting program available through AAPG Search and Discovery. Authors are asked to consider also having their presentations posted on S&D (<http://www.searchanddiscovery.com/>). This option is available for both slide decks and posters. For additional information regarding permissions or Search and Discovery more generally, contact Ann Hutchison at [permissions@aapg.org](mailto:permissions@aapg.org).

**No Show Policy**

If you are unable to attend the meeting, please let the organizers know as soon as possible by contacting us at [2022rmsaapg@gmail.com](mailto:2022rmsaapg@gmail.com). If you do not withdraw your presentation prior to the meeting, you are obligated to be at the assigned room at the scheduled time to give your presentation. If you are unable to present at the appointed time for any reason contact the technical program chairs ([2022rmsaapg@gmail.com](mailto:2022rmsaapg@gmail.com)) or other meeting officials **as soon as possible**. We strongly encourage you to identify a substitute presenter if a coauthor or other knowledgeable colleague is present at the meeting. Unless excused by the Technical Program Chairs, No Shows will be reported to the RMS-AAPG section officers. Anyone referred will be ineligible to present at RMS-AAPG meetings or events for two years.

In very limited cases, oral presenters may be allowed to provide recordings of their oral presentations in the event of an emergency or extenuating circumstances that prevent them from attending the meeting.

**Technical Program Summary**

The following pages contain a list of sessions and presentations that are currently scheduled for the 2022 RMS AAPG Meeting. Please identify your session and notify the technical program chairs immediately if you have concerns or scheduling conflicts. Session chairs are being assigned and will be in contact with you prior to the meeting with any additional instructions or requests for edits to your abstracts. This will be done before finalization of the printed version of the program document (June 20).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Day | Time | Room | Session | Presenter or Lead Author | Title |
| Monday, July 25 | 8:35 AM | Room 1 | Opening Plenary - Welcome to RMS 2022 | Anna Phelps | Welcome to RMS-2022 |
| Monday, July 25 | 9:00 AM | Room 1 | Opening Plenary - Welcome to RMS 2022 | Rob Diedrich | 100 Years! Celebrating RMAG’s Past |
| Monday, July 25 | 9:25 AM | Room 1 | Opening Plenary - Welcome to RMS 2022 | Susan Nash | The best strategies for effective cross-over training for geoscientists seeking to diversify |
| Monday, July 25 | 9:50 AM | Room 1 | Opening Plenary - Welcome to RMS 2022 | Steve Sonnenberg | Niobrara Production from the Lowry-Bombing Range Area Denver Basin, a Deep-Basin, Continuous, Paleostructural Trap |
| Monday, July 25 | 10:15 AM |  | BREAK |  |  |
| Monday, July 25 | 10:35 AM | Room 1 | Remembering Bob Weimer and his Contributions to Rockies Geology | Marron Bingle-Davis | Integrating industry concepts with university learning: Attempting to combine classroom learning and workplace training |
| Monday, July 25 | 11:00 AM | Room 1 | Remembering Bob Weimer and his Contributions to Rockies Geology | Mike Blum | Dakota Group Fluvial Systems of the Colorado Front Range: Provenance, Geochronology, and Paleogeographic Significance |
| Monday, July 25 | 11:25 AM | Room 1 | Remembering Bob Weimer and his Contributions to Rockies Geology | David Sawyer | Ten Million Years of Dakota Sandstone |
| Monday, July 25 | 10:35 AM | Room 2 | Technological & Analytical Tools for Energy Development | Kevin Wutherich | Using Drilling Data to Characterize Reservoirs |
| Monday, July 25 | 11:00 AM | Room 2 | Technological & Analytical Tools for Energy Development | Alan Lindsey | Well Music: Translating Well Data to Music for a New Perspective |
| Monday, July 25 | 11:25 AM | Room 2 | Technological & Analytical Tools for Energy Development | Douglas B. Decker | Field-Based Removal of Hydrogen Sulfide from Carbon Dioxide and Natural Gas Sample Streams without Geochemical Alteration |
| Monday, July 25 | 11:50 AM |  | LUNCH (All Convention Luncheon) | James Hagadorn | Rocky Mountain Extinction at the Devonian-Carboniferous Transition |
| Monday, July 25 | 1:35 PM | Room 1 | Petroleum Systems in the Rocky Mountain Region | Steve Cumella | Codell continuous oil accumulation in the northern Denver basin as defined by resistivity, density, and SP logs |
| Monday, July 25 | 2:00 PM | Room 1 | Petroleum Systems in the Rocky Mountain Region | Timothy O. Nesheim | Examination of the unconventional resource potential of the Mississippian Madison Group within the Williston Basin |
| Monday, July 25 | 2:25 PM | Room 1 | Petroleum Systems in the Rocky Mountain Region | Cory H. Christie | Using Seismic Characterization to Support a New Horizontal Program at Jonah Field, WY |
| Monday, July 25 | 2:50 PM | Room 1 | Petroleum Systems in the Rocky Mountain Region | Ronald F. Broadhead | The offshore Mancos play in the San Juan Basin: productive carrier beds within the Mancos total petroleum system |
| Monday, July 25 | 1:35 PM | Room 2 | Geological characterization and petroleum targets of the Green River Formation, Uinta Basin | Lucas J. Fidler | Characterization of an Unconventional Resource, Uteland Butte member, Lower Green River Formation, Uinta Basin, Utah |
| Monday, July 25 | 2:00 PM | Room 2 | Geological characterization and petroleum targets of the Green River Formation, Uinta Basin | Riley Brinkerhoff | Using Pore System Characterization to Subdivide the Burgeoning Uteland Butte Play, Green River Formation, Uinta Basin, Utah |
| Monday, July 25 | 2:25 PM | Room 2 | Geological characterization and petroleum targets of the Green River Formation, Uinta Basin | Ryan Gall | Outcrop characterization and depositional model of the Uteland Butte member, Green River Formation, Uinta Basin, Utah |
| Monday, July 25 | 2:50 PM | Room 2 | Geological characterization and petroleum targets of the Green River Formation, Uinta Basin | Justin E. Birdwell | Detailed geochemical characterization of the lower part of the Green River Formation in south-central Uinta Basin, Utah |
| Monday, July 25 | 3:15 PM |  | BREAK |  |  |
| Monday, July 25 | 3:40 PM | Room 1 | History of Petroleum Geology in the Rockies | Robbie R. Gries | Ninetta Alia Davis: First Female President of RMAG |
| Monday, July 25 | 4:05 PM | Room 1 | History of Petroleum Geology in the Rockies | Thomas C. Chidsey, Jr. | History of Petroleum Development in Utah |
| Monday, July 25 | 4:30 PM | Room 1 | History of Petroleum Geology in the Rockies | Daniel J. Plazak | From the Civil War to the Jazz Age: Isaac Canfield's 60-year career as an oil dowser |
| Monday, July 25 | 3:40 PM | Room 2 | Geological characterization and petroleum targets of the Green River Formation, Uinta Basin | Riley Brinkerhoff | Strain segregation between ductile and brittle stratigraphy–Characterizing the Sand Wash Fault System, Uinta Basin, Utah |
| Monday, July 25 | 4:05 PM | Room 2 | Geological characterization and petroleum targets of the Green River Formation, Uinta Basin | Matthew A. Jones | Depositional Architecture of a Turbiditic Sandstone Complex, Lower Green River Formation, Uinta Basin, Utah |
| Monday, July 25 | 4:30 PM | Room 2 | Geological characterization and petroleum targets of the Green River Formation, Uinta Basin | Justin E. Birdwell | Molecular and bulk geochemical indicators of early thermal maturation in the Mahogany zone oil shale of the Green River Formation, Uinta Basin, Utah |
| Monday, July 25 | All day | Room 3 | Professional Posters | Michael D. Vanden Berg | Geologic characterization of the newly acquired State 16-2 Cane Creek research core, Pennsylvanian Paradox Formation, northern Paradox Basin, southeastern Utah |
| Monday, July 25 | All day | Room 3 | Professional Posters | Justin E. Birdwell | Comparison of geochemical properties and mineralogical data from core and cuttings samples |
| Monday, July 25 | All day | Room 3 | Professional Posters | Kristen R. Marra | New USGS Assessment of Continuous Oil Resources of the Bakken and Three Forks Formations in the Williston Basin (North Dakota and Montana, USA) |
| Monday, July 25 | All day | Room 3 | Professional Posters | Justin E. Birdwell | Temperature mapping within the onshore oil and gas production region of the U.S. Gulf Coast Basin |
| Monday, July 25 | All day | Room 3 | Professional Posters | Savannah L. Rice | The Department of Energy's Advances Towards a Sustainable CM/REE Supply Chain |
| Monday, July 25 | All day | Room 3 | Professional Posters | Stephan H. Nordeng | Defining the onset of oil generation in the Bakken Formation using thermal maturity series obtained from nonisothermal experiments and an extended kinetic method. |
| Monday, July 25 | All day | Room 3 | Professional Posters | Paul G. Quinn | Advanced Aspects Of Groundwater Flow And 3D Geologic Models In The Oil Shale Basins, Jordan |
| Monday, July 25 | All day | Room 3 | Professional Posters | Justin E. Birdwell | Differences in oil shale organic matter across Eocene Lake Uinta inferred from Fischer assay data |
| Monday, July 25 | All day | Room 3 | Professional Posters | Kevin M. Hobbs | Paleoseismites in San Juan Basin fluvial sedimentary rocks indicate syndepositional seismicity in the Paleocene and Eocene |
| Monday, July 25 | All day | Room 3 | Professional Posters | Brian Clemishire | Using Physics to Prevent Oil & Gas Production Problems |
| Monday, July 25 | All day | Room 3 | Professional Posters | Susan Nash | Fast-Track |
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| Tuesday, July 26 | 8:35 AM | Room 1 | The Cane Creek Petroleum Play, Paradox Formation, Utah | Elliot Jagniecki | Sedimentology and Reservoir Characterization of the Emerging Cane Creek Play, Paradox Formation, Northern Paradox Basin, Southeastern Utah |
| Tuesday, July 26 | 9:00 AM | Room 1 | The Cane Creek Petroleum Play, Paradox Formation, Utah | Kevin Lynn McCormack | Using Viscoplastic Stress Relaxation Theory on Core Measurements to Determine the Least Horizontal Principal Stress |
| Tuesday, July 26 | 9:25 AM | Room 1 | The Cane Creek Petroleum Play, Paradox Formation, Utah | Thomas J. Paronish | Core Characterization of the Crane Creek Interval in the Paradox Formation from the State 16-2 Well |
| Tuesday, July 26 | 9:50 AM | Room 1 | The Cane Creek Petroleum Play, Paradox Formation, Utah | Patrick N. Gathogo | Fracture Characterization of the Cane Creek Play, Paradox Formation, Southeastern Utah: A Multi-Scale Approach Incorporating the Geology and Petrology of Core and Well Cuttings |
| Tuesday, July 26 | 8:35 AM | Room 2 | Carbon Capture, Utilization, and Sequestration in the Rockies | Calvin C. Reppe | Integrated Reservoir Characterization for Hydrocarbon Exploration & Production, CO2 Sequestration, and Critical Mineral Resource Exploration & Production |
| Tuesday, July 26 | 9:00 AM | Room 2 | Carbon Capture, Utilization, and Sequestration in the Rockies | Eugene Szymanski | Mitigating Geologic Risk Uncertainty for Carbon (CO2) Sequestration in Multiple Subsurface Targets in the Iron Springs District, Iron County, Utah |
| Tuesday, July 26 | 9:25 AM | Room 2 | Carbon Capture, Utilization, and Sequestration in the Rockies | David Nnamdi | Feasibility Study of Utilizing Water Disposal Wells to Inject Carbonated Water into Selected Formations in Oklahoma for the Purpose of CO2 Storage |
| Tuesday, July 26 | 9:50 AM | Room 2 | Carbon Capture, Utilization, and Sequestration in the Rockies | Christopher M. Smith | CCUS Risk Evaluation in the San Juan Basin Using Rock Volatiles Stratigraphy - Identification of Fractures and Lateral Migration Pathways and Implications for CO2 Injection and Storage |
| Tuesday, July 26 | 10:15 AM |  | BREAK |  |  |
| Tuesday, July 26 | 10:35 AM | Room 1 | The Cane Creek Petroleum Play, Paradox Formation, Utah | Eugene Szymanski | Subsurface constraints on Paradox Basin thermal history from borehole (U-Th)/He thermochronology within the Cane Creek petroleum play, southeastern Utah |
| Tuesday, July 26 | 11:00 AM | Room 1 | The Cane Creek Petroleum Play, Paradox Formation, Utah | Thomas B. Smith | Mining Brines: A New Exploration and Production Model for the Minerals Extraction Industries |
| Tuesday, July 26 | 11:25 AM | Room 1 | The Cane Creek Petroleum Play, Paradox Formation, Utah | Gregor Maxwell | Value Creation in the Northern Paradox Basin – paradoxical or not? |
| Tuesday, July 26 | 10:35 AM | Room 2 | Carbon Capture, Utilization, and Sequestration in the Rockies | No'am Z. Dvory | State of stress in southeastern Utah |
| Tuesday, July 26 | 11:00 AM | Room 2 | Carbon Capture, Utilization, and Sequestration in the Rockies | Benmadi M. Milad | Geological Modeling of Carbon Dioxide Storage in Osage County, Oklahoma |
| Tuesday, July 26 | 11:25 AM | Room 2 | Carbon Capture, Utilization, and Sequestration in the Rockies | Mitchell T. Schneider | Quantifying Rock Characteristics in the San Andres Formation that Promote CO2 Sequestration, Permian Basin, USA |
| Tuesday, July 26 | 11:50 AM |  | LUNCH |  |  |
| Tuesday, July 26 | 1:35 PM | Room 1 | Applications of Geochemistry to Petroleum Systems | Luke A. Arnsberger | An Integrative Approach to Geochemical Production Allocation in the Northern Denver Basin Using Quantitative Chromatographic Fingerprinting |
| Tuesday, July 26 | 2:00 PM | Room 1 | Applications of Geochemistry to Petroleum Systems | E.M. Bergin | Optimizing Field Development in the Powder River Basin Using Geochemical Fingerprinting Technology |
| Tuesday, July 26 | 2:25 PM | Room 1 | Applications of Geochemistry to Petroleum Systems | J. Alex Zumberge | Focused Investigation, Insights and Impact of Fluid-Filled Storage Volume; A Case Study in the Niobrara-Codell of the DJ Basin |
| Tuesday, July 26 | 2:50 PM | Room 1 | Applications of Geochemistry to Petroleum Systems | Monte Swan | Correlations Between Petroleum Systems and Serpentinization |
| Tuesday, July 26 | 1:35 PM | Room 2 | Geothermal Energy Resources in the Rockies and Beyond | Eric Stautberg | The Identification and Characterization of Sedimentary Geothermal Play Types on the Texas Gulf Coast for Power Generation |
| Tuesday, July 26 | 2:00 PM | Room 2 | Geothermal Energy Resources in the Rockies and Beyond | Christopher M. Smith | Volatiles Analysis of Cuttings from the FORGE 58-32 Well-“Logging” High Temperature Wells, Evaluating Communication Pathways, and Implications for Completions in Enhanced Geothermal System Wells |
| Tuesday, July 26 | 2:25 PM | Room 2 | Geothermal Energy Resources in the Rockies and Beyond | Christian L. Hardwick | Advancement of Geothermal Resources and Research in Utah, USA |
| Tuesday, July 26 | 2:50 PM | Room 2 | Geothermal Energy Resources in the Rockies and Beyond | Emilie N. Gentry | Geothermal Resource and Synthetic Geothermal Reservoir Feasibility Study of Wyoming |
| Tuesday, July 26 | 3:15 PM |  | BREAK |  |  |
| Tuesday, July 26 | 3:40 PM | Room 1 | Stratigraphy & Sedimentology | John C. Hoopes | New Horizontal Play Targeting Fluvial Sandstones in a Basin-Centered Gas System around Jonah Field, WY |
| Tuesday, July 26 | 4:05 PM | Room 1 | Stratigraphy & Sedimentology | Thomas P. Martin | Paleohydraulic Analysis of Meandering River Deposits, Petrified Forest National Park, Arizona |
| Tuesday, July 26 | 4:30 PM | Room 1 | Stratigraphy & Sedimentology | Jeffrey W. Bader | Stratigraphic Framework of the Deadwood Formation of North Dakota |
| Tuesday, July 26 | 3:40 PM | Room 2 | Using Machine Learning to Supplement Geology | R. Mark Maslyn | Using Data Analytics to Explore “J” (Muddy) Channel Sandstones in the Denver-Julesburg Basin and Test a ML Exploration Technique |
| Tuesday, July 26 | 4:05 PM | Room 2 | Using Machine Learning to Supplement Geology | Matthew W. Bauer | Automating Raster Well Log Preparation with Python: Depth Registration, Straightening, and Track Identification |
| Tuesday, July 26 | 4:30 PM | Room 2 | Using Machine Learning to Supplement Geology | Lisa Stright | TBD |
| Tuesday, July 26 | 4:55 PM |  | BREAK |  |  |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Martin | Future of Core-scale analysis: Machine-Learning |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | David Nnamdi | Feasibility Study of Utilizing Water Disposal Wells to Inject Carbonated Water into Selected Formations in Oklahoma for the Purpose of CO2 Storage |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Brook Runyon | Tectonic evolution of the Paradox Basin with insight from 3D seismic reflection data |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | N.M. Dusak | Facies, Stratigraphy, and Reservoir Heterogeneity of the Upper Wolfcamp Formation (Wolfcamp A-Equivalent) in the Glass Mountains of West Texas |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | M.A. Vasquez | Hyperspectral Scan Imagery and XRD Identification of Carnallite as a Potash Source in Brines Associated with Ordovician and Silurian Formations in the Williston Basin, North Dakota |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Ayomide A. Hamzat | Smart Proxy Modelling and Analysis of CO2 Sequestration in Oklahoma Reservoir |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Luis C. Escobar Arenas | Modeling of Channel Stacking Patterns Controlled by Near Wellbore Modeling |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Ligia Carolina Mayorga-Gonzalez | Reservoir Quality on the Lewis Shale for horizontal drilling |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Patrick M. Sullivan | Insights into mudstone sedimentology, organic richness, and anoxia at the opening of the Cretaceous Interior Seaway: The Lower Cretaceous Skull Creek Formation, Colorado |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Eric Stautberg | Depositional setting and paragenesis of silica nodules from the Middle Jurassic Curtis Formation on the eastern flank of the San Rafael Swell, central Utah |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Christopher C. Matson | Comparison of the Upper Cretaceous Greenhorn Formation in cores from the Denver-Julesburg Basin; implications Ocean Anoxic Event 2 in the Western Interior Sea |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Israel A. Jaramillo | Influences on mechanical properties of the Upper Wolfcamp (XY) of the Delaware Basin, west Texas, and their relationship with facies and facies architecture. |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Mitchell T. Schneider | Quantifying Rock Characteristics in the San Andres Formation that Promote CO2 Sequestration, Permian Basin, USA (see also CCUS oral session) |
| Tuesday, July 26 | 5:30 PM | Room 3 | Student Posters | Patrick Ronnau | Machine learning prediction of slope channel facies using outcrop analog data, Tres Pasos Formation, Magallanes Basin, Chile |
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| Wednesday, July 27 | 8:35 AM | Room 1 | Innovative Workflows for Energy Geoscience | Barrett A. Lavergne | Multidisciplinary Approach to Niobrara Gas Development in an Overlooked High Temp, High Pressure Reservoir: A Southeast Piceance Case Study |
| Wednesday, July 27 | 9:00 AM | Room 1 | Innovative Workflows for Energy Geoscience | Zane R. Jobe | A core competency: Digitalizing core data for better energy-resource and mineral prediction |
| Wednesday, July 27 | 9:25 AM | Room 1 | Innovative Workflows for Energy Geoscience | Matt P. Slowinski | Case Study of Optimizing Oil Recoveries and Parent-Child Relationships in the Gallup Sandstone, San Juan Basin, New Mexico. |
| Wednesday, July 27 | 9:50 AM | Room 1 | Innovative Workflows for Energy Geoscience | Riley Brinkerhoff | Pitfalls of Model-Driven Unconventional Development – The Stratigraphic Trends that Drive Oil & Gas Productivity in Divide County, North Dakota |
| Wednesday, July 27 | 8:35 AM | Room 2 | Assessment of Energy Resources | K.C. Oren | Chemical Tracers for Empirically-based Resources Assessment and Data Driven Valuations throughout an Asset’s Life |
| Wednesday, July 27 | 9:00 AM | Room 2 | Assessment of Energy Resources | Susan Nash | Fast-tracking conventional reservoir development and carbon management within the footprint of unconventionals |
| Wednesday, July 27 | 9:25 AM | Room 2 | Assessment of Energy Resources | Nicholas D. Kernan | Market Evidence of Reserve Adjustment Factors and Risk Adjusted Discount Rates in a North American Unconventional Play |
| Wednesday, July 27 | 9:50 AM | Room 2 | Assessment of Energy Resources | David M. Advocate | Importance of Probability Distributions on Volumetric Characterizations in Resource Assessment |
| Wednesday, July 27 | 10:15 AM |  | BREAK |  |  |
| Wednesday, July 27 | 10:35 AM | Room 1 | Applications of Geochemistry to Petroleum Systems | Michael Holmes | Methodology to Estimate Thermal Maturity from Petrophysical Calculations of Gas/Oil Ratios |
| Wednesday, July 27 | 11:00 AM | Room 1 | Applications of Geochemistry to Petroleum Systems | Wayne Camp | Organic Petrography of the Ordovician Red River Kukersite Tight Oil and Gas Play, Williston Basin, North Dakota, U.S.A. |
| Wednesday, July 27 | 11:25 AM | Room 1 | Applications of Geochemistry to Petroleum Systems | Tengfei Wu | Estimating total organic carbon content in Green River Formation oil shales using elemental data and multivariate analysis |
| Wednesday, July 27 | 10:35 AM | Room 2 | Structural Geology & Salt Tectonics | Jeffrey W. Bader | Preliminary assessment of arch-top lineaments in Laramide arches, Wyoming–Montana (USA), and Ga-scale tectonic significance |
| Wednesday, July 27 | 11:00 AM | Room 2 | Structural Geology & Salt Tectonics | Kyle A. Bracken | The Sage Breaks scour event and its influence on layer-bound normal faulting within the Niobrara and Turner formations, Southern Powder River Basin, Wyoming |
| Wednesday, July 27 | 11:25 AM | Room 2 | Structural Geology & Salt Tectonics | TBD |  |
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