Day	Time	Room	Session	Presenter	Title
Monday, July 25	8:35 AM	Room 1	Opening Plenary - Welcome to	Anna Phelps	Welcome to the 2022 Rocky Mountain Section AAPG Meeting!
Monday, July 25	9:00 AM	Room 1	Opening Plenary - Welcome to	Rob Diedrich	100 Years! Celebrating RMAG's Past, Present & Future
Monday, July 25	9:25 AM	Room 1	Opening Plenary - Welcome to	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	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	David Sawyer	Ten Million Years of Dakota Sandstone
Monday, July 25	10:35 AM	Room 2	Technological & Analytical Tools	Kevin Wutherich	Using Drilling Data to Characterize Reservoirs
Monday, July 25	11:00 AM	Room 2	Technological & Analytical Tools	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	Steve Cumella	Codell continuous oil accumulation in the northern Denver basin as defined by resistivity,
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	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	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	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	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	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	Robbie R. Gries	Ninetta Alia Davis: First Female President of RMAG
Monday, July 25	4:05 PM	Room 1	History of Petroleum Geology in	Thomas C. Chidsey, Jr.	History of Petroleum Development in Utah
Monday, July 25	4:30 PM	Room 1	History of Petroleum Geology in	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	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	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	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
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
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,
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
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
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	Gregor Maxwell	Value Creation in the Northern Paradox Basin – paradoxical or not?
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	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	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

Tuesday, July 26	10:15 AM		BREAK		
Tuesday, July 26	10:35 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
Tuesday, July 26	11:00 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	11:25 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	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	E.M. Bergin	Optimizing Field Development in the Powder River Basin Using Geochemical
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	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	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	William Hurlbut	Advancement of Geothermal Resources and Research in Utah, USA
Tuesday, July 26	2:50 PM	Room 2	Geothermal Energy Resources in	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
Tuesday, July 26	4:05 PM	Room 1	Stratigraphy & Sedimentology	Thomas P. Martin	Paleohydraulic Analysis of Meandering River Deposits, Petrified Forest National Park,
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	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
Tuesday, July 26	5:30 PM	Room 3	Student Posters	Luis C. Escobar	Modeling of Channel Stacking Patterns Controlled by Near Wellbore Modeling
Tuesday, July 26	5:30 PM	Room 3	Student Posters	Ligia Carolina	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
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	OPEN	OPEN