
2020 RCRL ANNUAL SPONSOR'S MEETING

October 12-16, 2020

The 2020 RCRL Annual Sponsor's Meeting is fast approaching! We are excited to bring you this virtual meeting wherever you find yourself the week of October 12-16. We will be streaming and recording the entire event on Microsoft Teams. Due to complications related to COVID-19, we will not be running a field trip this year.

Below are links to the daily agenda of presentations. Please use the Sign-Up Genius links to register for the RCRL Teams Live Stream events by session or the entire week. Do not forget that all presentations are recorded and available for download the week after in case you miss something.

[Mon., Oct. 12 – Core Workshop: Selection of Permian and L. Cretaceous cores](#)

[Tues., Oct. 13 – Regional structure and stratigraphic framework of the Permian Basin](#)

[Wed., Oct. 14 – Stratigraphy, structure and reservoir characterization of Paleozoic strata](#)

[Thur., Oct.15 – Mesozoic stratigraphic systems of GOM, Mexico and Middle East](#)

[Fri., Oct. 16 – Reservoir characterization and production behavior of the Austin Chalk](#)

[Fri., Oct. 16 - Pleistocene stratigraphy of the Bahamian archipelago](#)



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Core Workshop Agenda Monday, Oct. 12

- 8:00 Introduction
- 8:15 Core Set 1: Slope to deep-water fan on the western side of the Central Basin Platform, Pecos County (*Janson*)
- 10:00 BREAK
- 10:15 Core Set 2: Regional stratigraphic variability in the Upper Avalon/Cutoff Fm., Delaware Basin (*Price*)
- 12:00 BREAK
- 1:00 Core Set 3: Contrasting Wave vs Tide-Dominated Reservoir Architecture: Grayburg of the Central Basin Platform vs Midland Basin (*Kerans*)
- 2:30 BREAK
- 3:00 Core Set 4: The Lower Cretaceous Sligo-Pearsall-Lower Rodessa Section in South Texas; Changing Depositional Settings through OAEs 1 & 2 (*Loucks*)

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Technical Presentations

Tuesday, Oct. 13

- 8:00 Introduction
- 8:15 Regional stratigraphic framework of CBP, Delaware and Midland Basins (Kerans and RCRL team)
- 9:00 Tectonics and structural framing of the CBP, Delaware and Midland Basins (Zahm and RCRL team)
- 9:30 Preliminary Thoughts on Contour Currents in the Permian Basin: Overlooked Controls on Basinal Sedimentation? (Price and Janson)
- 10:00 BREAK
- 10:15 Pennsylvanian and early Permian outcrops of the Keeler/Darwin Basin, east-central California: Analogs for deep-water Permian Basin stratigraphy (Price)
- 11:00 Shelf-to-basin architecture on the tectonically-modified western slope of the Central Basin Platform (Janson and Price)
- 11:30 Seismic geomorphology of Late Leonardian, Early Guadalupian progradation in the Midland Basin (Janson)
- 12:00 Summary and Discussion of Future Research Directions

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Technical Presentations

Wednesday, Oct. 14

- 8:00 Introduction
- 8:05 High-resolution sequence and geobody framework of Permian (Grayburg G10HFS) lowstand prograding wedge oolitic reservoirs, Midland Farms and Mabee area, Midland Basin (Kerans and Dommissé)
- 8:45 High-Resolution 3D Geomodel of the Grayburg – San Andres Fms. in the Fasken Ranch 3D seismic area, Midland Basin (Dommissé and Kerans)
- 9:15 Anatomy of an ancient mixed shelf: Contemporaneous carbonate-siliciclastic sedimentation during the Late Paleozoic Ice Age (Pennsylvanian: Desmoinesian-Missourian), Sacramento Mountains, NM (Rendall)
- 9:45 BREAK
- 10:15 Middle to U. Mississippian Correlations in the Permian Basin: Regional Implications and applicability to the STACK Play (Syzdek and Price)
- 10:45 Constraints on timing of tectonics and sedimentation in the Middle Paleozoic, Sacramento Mountains, NM (Spangler, Zahm and Kerans)
- 11:15 Fold geometry and mechanical stratigraphy of the Gobbler Knob Anticline, Sacramentos (Syzdek, Zahm, and Kerans)
- 11:45 Rock mechanic properties of select cores from the Permian Basin (Zahm, Brooks and Janson)
- 12:10 Summary and Discussion of Future Research Directions

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Technical Presentations

Thursday, Oct. 15

- 8:00 Introduction
- 8:10 Shelf-to-basin seismic architecture of the high relief Lower Cretaceous margin of the NE GOM (Janson)
- 8:40 Syndepositional faults or gravitational extension—fault geometry offshore Alabama (Zahm and Janson)
- 9:10 Hydrodynamics controls on shallow and deep-water carbonates morphology, NW Shelf Australia (Janson and Machin)
- 9:40 Lateral Architectural and Facies Variability in Isolated Carbonate Platforms: Implications on Reservoir Distribution in Cretaceous Rudist Dominated Margins (Eljalifi)
- 10:10 BREAK
- 10:30 Controls on ooid shoal distribution in the Lower Cretaceous Pettet Fm (Sligo), East Texas (Hattori)
- 11:00 Sequence stratigraphic framework of the L. Jurassic Hanifa Fm along the Tuwaiq Escarpment, Saudi Arabia (Fallatah)
- 11:30 Characterization of the OAE 1A and 1B zones (Sligo-Pearsall-lower Rodessa) in a long continuous core (Medina County, Texas) based on lithofacies, biotas, XRF-based major and minor elements and isotopes (Loucks)
- 12:00 Carbonate Factory Recovery Signals Preserved in the Pearsall Formation in Central Texas Following OAE 1A (Pedersen)
- 12:30 Summary and Discussion of Future Research Directions

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Technical Presentations

Friday, Oct. 16

- 8:00 Introduction
- 8:05 Highlights from the GOM Austin Chalk Group Project (Loucks)
- 8:35 Benthic oxygenation history of S. Texas during the Austin Chalk Group deposition: An integrated ichnologic, sedimentological, and geochemical study (Zheng, Loucks, and Kerans)
- 9:05 High-resolution correlation, mechanical stratigraphy and fault interpretations of the Karnes Trough Area (Zahm and Loucks)
- 9:30 Regional productivity in the Austin Chalk with emphasis on fault zone production in the Karnes Trough area (Male and Zahm)
- 10:00 Porosity and permeability of argillaceous facies in the Austin Chalk (Peng and Loucks)
- 10:15 BREAK
- 10:30 Oceanographic and Wind-Driven Facies Architecture and Composition of the Pleistocene Bahamas-Caicos Megabank: Significance for Facies Development and Diagenetic Overprints: PART 1: Kerans, Fullmer, and others
- 11:15 Oceanographic and Wind-Driven Facies Architecture and Composition of the Pleistocene Bahamas-Caicos Megabank: Significance for Facies Development and Diagenetic Overprints: PART 2: Fullmer, Kerans, and others
- 12:00 3D high-resolution sequence stratigraphy of a forced regressive aeolian to shoreface carbonate grainstone system, the 82 ka Whale Point (MIS 5a) succession across the Bahamas (Hsia and Kerans)
- 12:30 Summary and Discussion of Future Research Directions

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