

# SEPM International Sedimentary Geosciences Congress

## Schedule

The full program with presentation titles, authors, and abstracts is available online at <https://virtual.oxfordabstracts.com/#/event/public/4532/program>. Viewable on phone, tablet, or laptop. HCCC has complimentary wifi.

16:00-17:00 Prochnow

Plenary Speaker - Julie Fosdick - Cordilleran Mountain-building, Magmatism, and Orogenic Erosion: Perspectives from the Bermejo Basin, Southern Central Andes

17:00-19:00 Humphreys

SEPM Ice Breaker

## Monday, 6 May, 2024

08:20-09:40 1899

A new era of quantification in stratigraphy: insights from and for S2S systems

Julien Bailleul, Simon Lang, Victorien Paumard

Presentation type: oral

08:20-09:40 Doyle

Carbonates as a record of climate change

Matt Buoniconti, Mitch Harris, Ceclia Lopez-Gamundi

Presentation type: oral

08:20-09:40 Rees

Cretaceous carbon burial processes through the lens of a tectonic, biogeochemical, depositional, and paleoclimatic framework

Jason Flaum, Richard Lease, Katherine Whidden

Presentation type: oral

09:40-10:00

mid-morning break

10:00-11:20 1899

Depositional systems of the shelf and shelf edge

Cornel Olariu, Ron Steel

Presentation type: oral

10:00-11:20 Doyle

Oceanographic controls on carbonate systems

Xavier Janson, Diana Ortega-Ariza

Presentation type: oral

10:00-10:40 Rees

Measuring the imprint and implications of missing time in strata

Eric Barefoot, Kyle Straub  
Presentation type: oral

10:40-11:20 Rees

Mass-transport complexes (MTCs): old ideas, new developments, and are they still important?

Christopher Jackson  
Presentation type: oral

11:20-12:20 Prochnow

Plenary Speaker - Lynn Soreghan - The Capital of Dust

12:20-13:40 Humphreys

lunch + Why and How to Propose an SEPM Research Conference

13:40-15:00 1899

Linking surface dynamics to the stratigraphic record

Zane Jobe, Elisabeth Steel  
Presentation type: oral

13:40-15:00 Doyle

The impact of the LPIA on tropical carbonate systems in the USA and globally.

Abdulah Eljalafi, Buddy Price  
Presentation type: oral

13:40-15:00 Rees

Tectonics of sedimentary basins

Tomas Capaldi, Matthew Malkowski, Megan Mueller  
Presentation type: oral

15:00-16:40 Humphreys

Student poster session

Presentation type: poster

17:00-19:00 Humphreys

SEPM Awards Ceremony

Tuesday, 7 May, 2024

08:20-09:40 1899

A new era of quantification in stratigraphy: insights from and for S2S systems

Julien Bailleul, Simon Lang, Victorien Paumard

Presentation type: oral

08:20-09:40 Doyle

Carbonates as records of climate change

Matt Buoniconti, Mitch Harris, Ceclia Lopez-Gamundi

Presentation type: oral

08:20-09:40 Rees

Non-marine or mixed marine-non-marine systems (lacustrine and paralic)

Ruby Saban, Art Saller

Presentation type: oral

09:40-10:00

mid-morning break

10:00-11:20 1899

Supercritical-flow processes and upper flow-regime bedforms and structures

Molly O'Halloran, Arnoud Slotman

Presentation type: oral

10:00-11:20 Doyle

The record of OAEs in carbonates

Rob Forkner, Gianluca Frijia, Kelly Hattori

Presentation type: oral

10:00-11:20 Rees

Planetary sedimentary geology

Benjamin Cardenas, Libby Ives

Presentation type: oral

11:20-12:20 Prochnow

Plenary Speaker - Cari Johnson - Real Time to Deep Time: Rates and expression of change in linked fluvial-deltaic-lacustrine systems revealed by the Glen Canyon Dam 'experiment'

12:20-13:40 Humphreys

lunch

13:40-15:00 1899

Linking surface dynamics to the stratigraphic record

Zane Jobe, Elisabeth Steel  
Presentation type: oral

13:40-15:00 Doyle

Dolomitization and dolomite recrystallization

Cameron Manche, Brooks Ryan  
Presentation type: oral

13:40-15:00 Rees

Tectonics of sedimentary basins

Tomas Capaldi, Matthew Malkowski, Megan Mueller  
Presentation type: oral

15:00-16:40 Humphreys

Early career poster session

Presentation type: poster

Wednesday, 8 May, 2024

08:20-09:40 1899

A new era of quantification in stratigraphy: insights from and for S2S systems

Julien Bailleul, Simon Lang, Victorien Paumard  
Presentation type: oral

08:20-09:40 Doyle

The geomechanics of carbonates: mechanical stratigraphy

Rachel Aisner-Williams  
Presentation type: oral

08:20-09:40 Rees

Non-marine or mixed marine-non-marine systems (lacustrine and paralic)

Peter Flaig, Art Saller  
Presentation type: oral

09:40-10:00

mid-morning break

10:00-11:20 1899

Salt tectonics and depositional systems: geologic processes and societal impacts

Evey Gannaway Dalton, Sarah Giles, David Lankford-Bravo  
Presentation type: oral

10:00-11:20 Doyle

The record of OAEs in carbonates

Rob Forkner, Gianluca Frijia, Kelly Hattori  
Presentation type: oral

10:00-11:20 Rees

Wind and landscape—the interaction of eolian erosional, transportational, and depositional processes with geomorphic change

Richard Langford  
Presentation type: oral

11:20-12:20

SEPM Research Groups

12:20-13:40 Humphreys

lunch

13:40-15:00 1899

Supercritical-flow processes and upper flow-regime bedforms and structures

Molly O'Halloran, Arnoud Slotman  
Presentation type: oral

13:40-15:00 Doyle

The use of seismic architecture to predict sequence stratigraphy, facies, and diagenesis in carbonate platforms

Marcello Minzoni, Ted Playton  
Presentation type: oral

13:40-15:00 Rees

Tectonics of sedimentary basins

Tomas Capaldi, Matthew Malkowski, Megan Mueller

15:00-16:40 Humphreys

Professional poster session

Presentation type: poster

18:00-19:00 Prochnow

Plenary Speaker - Chris Jackson - Communicating Geoscience During the Energy Transition

19:00-20:30 Humphreys

ISGC conference dinner