# Tuesday, December 3

**7:00-9:00 p.m. Ice Breaker – Brix Wine Cellar at Vintage Park (across from Noble Energy)**

# Wednesday, December 4

### Charles Davidson Hall, Noble Energy
### 1001 Noble Energy Way

**7:30 a.m.** **Coffee, Breakfast & Registration**

**8:00 a.m.** **Introduction to the Conference**: John Suter (Executive Director, GCSSEPM Foundation), Carl Fiduk (Technical Committee Chairman), and Jim Demarest, VP Exploration, Noble Energy

**Session** **Theme: Advances in Understand Salt**
**Mount, Hearon & Fiduk**

**8:15 a.m.** C. Fiduk: Evolution of Marine Seismic Imaging from late 1990s to middle 2010s: a WesternGeco Perspective.

**8:45 a.m.** K. Giles: Salt-Sediment Interaction: Lessons Learned from La Popa Basin, Mexico.

**9:15 a.m.** M. Rowan: It's not just halite – what we've learned in 30 years about intrasalt deformation.

**9:45 – 10:05 a.m.** **Extended coffee break**

**10:05 a.m.** J. Snedden: Paleogeographic Reconstruction of the Louann Salt Basin.

**Session** **Theme: Featured Young Professional Research**

**10:35 a.m.** S. Evans: Intrasalt Structure And Strain Partitioning In Layered Evaporites: Insights From The Messinian Salt In The Eastern Mediterranean.

**11:05 a.m.** S. Wischer: Salt Tectonics within Strike-slip Systems, Campos Basin, Brazil.

**11:35 a.m.** C.E. Gannaway-Dalton: Evolution of Megaflaps, Extensional-Rollover Subbasins, and Salt-Withdrawal Minibasins at Aulet and Adons diapirs in the Spanish Pyrenees, Catalunya

**12:05- 1:15 p.m.** **Lunch**

**Session** **Theme: Advances in Understand Salt**

**1:15 p.m.** A. Pulham: The age of the Louann Salt; Insights from historic isotopic analyses in salt stocks from the onshore interior salt basins of the Northern Gulf of Mexico.

**1:45 p.m.** J. Pindell: Tectonic models for the Gulf of Mexico in light of new Bajocian ages for proximal salt deposition.

**2:15 p.m.** F. Peel: Paleo-Oceanographic Preconditioning Promotes Precipitation: how the global context is a key factor for understanding Bajocian Louann Salt deposition.

**2:45 p.m.** **Group Discussion**

**3:15 p.m.** **Coffee Break and continuation of discussion**

**3:35 p.m.** B. Brunner: Geochemistry of authigenic carbonates and native sulfur in caprock of salt diapirs: is it time to abandon well-trodden paths?

**4:05 p.m.** J. Munoz: Minibasins involved in fold-and-thrust belts: from their development in passive margins to contractional reactivation (examples from the Northern Calcareous Alps, Pyrenees and experimental modelling).

**4:35 p.m.** R. Denne: Applications of biostratigraphy to salt tectonics, northern Gulf of Mexico.

**5:05 p.m.** **End of Day**

## Thursday, December 5

**7:30 a.m.** **Coffee, Breakfast & Registration**

**Session** **Theme: Advances in Understand Salt (Continued)**

**8:00 a.m.** H. Lebit: On elevators and bull dozers: What has changed in 30 years of Salt Tectonics? Examples from passive margin salt basins.

**8:30 a.m.** W. Mohriak: Salt tectonics in the Brazilian margin: key issues and technical advancements in the past 30 years

**9:00 a.m.** M. Hudec: Louann salt: depositional models and implications.

**9:30 a.m.** C. Rodriguez: Salt tectonics controls on deepwater sedimentation: Salina del Istmo Basin, southern Gulf of Mexico.

**10:00 a.m.** **Coffee Break**

**Session** **Theme: Featured Young Professional Research**

**10:30 a.m.** M. Heidari: Controls of interbedded sand beds on pore pressure, stresses, and evolution of a salt system.

**11:00 a.m.** O. Duffy: Redirection of Submarine Channels by Minibasin Obstruction on a Salt-Detached Slope: An Example from Above the Sigsbee Canopy.

**Session** **Theme: Salt in Europe and Asia Minor**

**11:30 a.m.** P. Kukla: The European Zechstein Salt Giant – Trusheim and beyond.

**12:00-**
**1:15 p.m.** **Lunch**

**1:15 p.m.** L. Pollok: 3D model of complex internal structures in a Northern German salt diapir: A multidisciplinary approach using drilling cores, well logs, and ground penetrating radar.

**1:45 p.m.** I. Davison: Salt Tectonics Revisited and the Hydrocarbon Potential of the onshore Lusitanian Basin, Portugal.

**2:15 p.m.** J. Ringenbach: Salt tectonics outcrops and 3D drone images from the Sivas Basin (Turkey) compared to high-resolution seismic lines in the GOM and B32 Angola.

**2:45 p.m.** **Group Discussion**

**3:15 p.m.** **Coffee Break and continued discussion**

**Session** **Theme: Advances in Modelling**

**3:35 p.m.** S. Schueller-Messier: Salt tectonics restoration in basin and petroleum system modelling: Contribution of physical analogue models and methodologies.

**4:05 p.m.** T. Dooley: Loading Complex Salt Isopachs: Progradation Across Segmented Salt-Filled Rift Systems.

**4:35 p.m.** M. Nikolinakou: Geomechanical modeling of diapirism in extensional settings: controls on styles of diapir rise and fall.

**5:05 End of Day**

## Friday, December 5

**7:30 a.m.** **Coffee, Breakfast & Registration**

**Session** **Theme: New Insights from the Northern Gulf of Mexico**
**Mount, Hearon and Fiduk**

**8:00 a.m.** V. Mount: Structural Configuration and Evolution of Subsalt Hydrocarbon Traps Adjacent to Salt Walls, Green Canyon, Gulf of Mexico.

**8:30 a.m.** S. Wilkins: Sub-Seismic Deformation in Traps Adjacent to Salt Stocks/Walls: Observations from Green Canyon, Gulf of Mexico.

**9:00 a.m.** G. Apps: Can deep mantle processes influence regional salt tectonics.

**9:30 a.m.** N. Fernancdez: Mass-transport complexes (MTCs) steered by Minibasin Obstruction and Extensional Breakaway on a Salt-Detached Slope: An Example from Above the Sigsbee Canopy.

**10:00 a.m.** **Coffee Break & Snacks**

**10:20 a.m.** A. Laake: Interaction of Tectonics, Salt, and Sediments in the Gulf of Mexico: An Approach Using Image Processing of Seismic Data.

**10:50 a.m.** T. Rives: The Sakarn Series: Middle Jurassic EGOM Stratigraphic Chart Proposed Revision.

**11:20 a.m.** S. Holdaway: Salt Canopy Rafts in the Northern Gulf of Mexico.

**11:50 – 12:30 p.m.** Final discussion and meeting wrap up

***The GCSSEPM Foundation gratefully acknowledges Noble Energy for providing meeting space. We also thank all members of the Technical Committee for volunteering their time and energy, as well as all the authors who have submitted the 40+ technical presentations.***