New Understanding of the Petroleum Systems of Continental Margins of the World

32nd Annual GCSSEPM Foundation Bob F. Perkins Research Conference
December 2-5, 2012, Houston, Texas

Final Program

Sunday December 2, 2012

4:00-6:00 p.m. Registration and Refreshments

Monday December 3, 2012

7:00 a.m. Continuous Registration (Coffee and rolls will be available)

7:45 a.m. Welcome remarks Patricia Santogrossi (Chair of the Board of Trustees, GCSSEPM Foundation)

7:55 Introduction to the Conference – Paul Weimer and Norman Rosen (Conference Co-Conveners)

8:00 Session 1 (Gulf of Mexico) – Introduction – Kurt Campion and Jory Pacht

8:05 Finnstrom, Erik; Statoil: North American offshore resource potential and operating environment: prize versus challenge versus cost. KEYNOTE:

8:45 Guzmán, Alfredo E., Consultant, Mexico: State of the exploration for oil and gas. KEYNOTE:

9:30 Walker, Christopher D., Paul Belvedere, Jennifer Petersen, Shalina Warrior, Andrew Cunningham, George Clemenceau, Christina Hueninck, and Bob Meltz; BP, BHP, Chevron: Straining at the leash: Understanding the full potential of the deep-water, sub-salt Mad Dog Field from appraisal through early production.

10:00 Coffee Break

10:30 Mander, Joanna, Julie d'Ablaing, John Howie, Ken Wells, Rahila Ramazanova, David Shepherd, and Cherie Lee; BP America: 21st Century Atlantis- Incremental knowledge gained from a staged-approach to development, illustrated by a complex deep-water field.
11:00 Scott, Erik, Richard Denne, James Kaiser, and David Eickhoff; Marathon Oil: Immediate and post-event effects of the K/Pg boundary, Chicxulub impact on the northern Gulf of Mexico.


12:00 Lunch: Seated Lunch (Veal Milano; included with registration)

1:25 Session 1 (Gulf of Mexico) Continued -Introduction- Kurt Campion and Jory Pacht

1:30 Wagner, John B., Patrick Rush, Jeff Coryell, and Bill Troyer; Core Lab, Nexen: Gunnison Field: Reservoir characteristics and compartmentalization from a cohesive mass sediment transport complex, deep-water Gulf of Mexico.

2:00 Kilsdonk, Bill, and C. R. Handford; Hess Corp.: Initial evaluation of structural and stratigraphic compartmentalization in the Pony/Knotty Head Field, Green Canyon, Deep-Water Gulf of Mexico.

2:30 Flinch, Joan; Repsol Services: Context, challenges, and future of deep-water plays: an overview.

3:00 Coffee Break

3:25 Session 2: Australia/New Zealand -Introduction- Richard Fillon and Art Saller

3:30 Bache, Francois, Vaughan Stagpoole, and Rupert Sutherland; GNS Science: Seismic stratigraphy of the Reinga Basin, northwest New Zealand: Tectonic and petroleum implications.

4:00 Minken, Jon, C.R. Handford, and Josh Miller; Hess Corp., Consulting Sedimentologist; Exploration of contemporaneous delta and deep-water deposits: Berriasian Lower Barrow Group, Exmouth Plateau, North Carnarvon Basin, Australia.


5:15-8:00 Hot buffet, open bar, and poster session (Meet the authors)
Tuesday December 4, 2012

7:15 AM Continuous registration (Coffee and rolls available)

8:15 Session 3 South America -Introduction- Paulo Otávio Gomes and Patricia Santogrossi

8:20 Mohriak, Webster, Marcio Rocha Mello, and Nilo C. de Azambuja Filho; HRT O&G: Tectonic reconstructions and petroleum system correlations in the southern South Atlantic: exploratory analysis and the search for a new hydrocarbon play.

8:50 Silva, Osvaldo Braga, Paulo Ricardo Santos, Leonardo Borges Caixeta, and Carolina Ribeiro; OGX: Main trap models of OGX’s oil discovery from Albian/Cenomanian carbonate reservoirs, Cabo Frio High, southern Campos Basin.


10:20 Coffee Break


11:10 Arienti, L., V.S.S. Santos, H.E. Voelcker, H. Mucelini, R.C. Gontijo, R.S.F. d'Avila; Petrobras E&P: Turbidite systems in the Campos basin, Oligo-Miocene, Brazil.

11:45 Lunch: Barbeque buffet (included with registration.)

1:25: Session 3 (Continued) South America -Introduction- Paulo Otávio Gomes and Patricia Santogrossi


2:00 Figueiredo, Jorge, Ronaldo Baldi, Juliana Sampol, Bianca Fernandez, Albano Bastos, and Vernei Stumpf; OGX: An active petroleum system in shallow waters in eastern Pará-Maranhão offshore basin, Brazilian equatorial margin.
2:30 Session 4: Africa -Introduction- Menno Dinkelman and Mike Mayall


3:05 Coffee Break

3:30 Cobos, Sophia, and Mike Mayall; BP: Field-scale stratigraphy and architectural elements of a slope-channel system and implications on dynamic fluid behavior; a case study from offshore Angola.

4:00 Mantovani, Marco, Paolo Barbieri Arnaldi, Riccardo Brajucha, Fabio Lottaroli, Vilia Nolli, and Giacomo Spadini; ENI: Deep-water Angola: Block 15/06: Technology and ideas to turn a risky challenge into an exploration success case.

4:30 Jones, Gemma, Mike Mayall, and Lidia Lonergan; BP: Contrasting depositional styles on a slope system and their control by salt tectonics: through-going channels, ponded fans, and mass transport complexes.

5:15-8:00 Fajitas, chips, drinks, and poster session.(Reminder: Posters must be removed by 8:15 (±) PM.)

Wednesday December 5, 2012

7:30 AM Continuous registration (Coffee and rolls available)

8:00 Session 4 Continued (Africa) -Introduction - Tony d'Agostino, Mareck Kacewicz

8:05 Smith, Claire, Krystel St. Clair, Pablo Salazar, and Paul Reid; BP: Evolution of the reservoir interpretation and impact of interpretation uncertainties in a channelized turbidite field, Block 31, Angola.

8:35 Stuart Harker, Offshore southern Oman: New insights into the petroleum potential of the northeastern margin of the Gulf of Aden

9:05 Butterworth, Peter, and Jona Verhaeghe; BP: Evolution of a Pliocene mid-slope channel complex, Giza Field, west Nile Delta, Egypt: interaction of sedimentation and tectonics.


10:05 Coffee Break
10:30 Session 5 North America -Introduction- Tony d'Agostino, Marek Kacewicz

10:35 Cody, John, David Hunter, Stephen Schwartz, Jonathon Marshall, Simon Haynes, Kai Gruschwitz, and Michael Donough; Statoil: A Late Jurassic play fairway beyond the Jeanne d'Arc basin. New insights for a petroleum system in the northern Flemish Pass basin.


12:05 Lunch Italian buffet (included with registration)

1:25 Session 6 Europe/Asia -Introduction-

1:30 Maynard, James R. Can Ardic, and Niall McAllister; ExxonMobil International, Imperial Oil Resources: Source to sink assessment of Oligocene to Pleistocene sediment supply in the Black Sea.


2:30 Session 7 General Topics -Introduction- Session CHRMN 13, Session CHRMN 14

2:35 Tscherny, Robert, Marek Kacewicz, Barry J. Katz, Joe Curiale, Lothar Friberg, and Irene Arango; Chevron: From petroleum systems modeling to fluid prediction; a story choosing the right kinetics may be the wrong thing to do.


3:35 Adjourn and Concluding remarks
**Poster only (Monday and Tuesday Night)**

Bennett, Richard, Ann Curry, Juergen Schrieber, Arndt Schimmelmann, Matthew Hulbert, Kenneth Curry, and Jessica Douglas; SEAPROBE INC, Univ. Indiana, Research Dynamics, Univ. Southern Mississippi: Sequestration of organic matter in marine mud: Flume experiments, biogeochemistry, mass physical properties, and 3D modeling.

Macdonald, Justin, Simon Holford, and Rosalind King; Univ. Australia: Structure and prospectivity of the Ceduna Delta- Deep-water fold-thrust belt systems, Bight basin, Australia.