

IRESS 2016: Continental Margin Evolution
February 25-26, 2016
Rice University's Baker Institute for Public Policy

February 25, 2016

8:00-8:30: Registration, Coffee

8:30-8:45: Introduction and Goals – President Leebron (Rice University) & Brandon Dugan (Rice University)

8:45-11:45: Margin Evolution [Moderator – Manik Talwani (Rice)]

8:45-9:15 – Rift Processes in the Westralian Superbasin, North West Shelf, Australia: Insights from 2D deep reflection seismic interpretation and potential fields modeling by Catherine Belgarde (BHP Billiton), Gianreto Manatschal (Université de Strasbourg), Nick Kusznir (University of Liverpool), Sonia Scarselli (BHP Billiton), and Michal Ruder (Wintermoon Geotechnologies, Inc.)

9:15-9:45 – Evolving Genetic Concepts and Their Influence on Hydrocarbon Systems Predictions: an Example from the SubAndean Foldbelt of Argentina by Lori Summa (ExxonMobil Upstream Research Company), Thomas P. Becker (ExxonMobil Upstream Research Company), David Awwiller (ExxonMobil Upstream Research Company), and Gary Gray (ExxonMobil Upstream Research Company)

9:45-10:15 – Coffee Break

10:15-10:45 – Controls on late-stage rift deformation: evidence from new 3D seismic data of the West Iberia margin by Brian Jordan (Rice University)

10:45-11:15 – Shallow subduction of the Caribbean beneath NW South America and implications for surface deformation by Max Bezada (University of Minnesota)

11:15-11:30 – Questions and Discussion

11:30-1:00: Lunch

1:00-3:15: South and North Atlantic [Moderator – Malcolm Ross (Shell)]

1:00-1:30 – Asymmetrical vs. symmetrical rifting of the Central and South Atlantic Oceans and implications for petroleum exploration of their conjugate margins by Paul Mann (University of Houston)

1:30-2:00 The Early Opening of the Southern Atlantic Basin by Jessica Fallon (BHP Billiton), Tyler Smith (BHP Billiton), Angus Goody (BHP Billiton), Sonia Scarselli (BHP Billiton), Gunilla Gard (BHP Billiton), Jens Schmieder (BHP Billiton), Tayo Aina (BHP Billiton), Will Crane (BHP Billiton)

2:00-2:30 – The Mesozoic evolution of eastern North America: Unexpected complexities during rifting and breakup by Martha Withjack (Rutgers University)

2:30-2:45 – Coffee Break

2:45-3:15 – Securing America's Energy Future: Unlocking the Atlantic's Energy Potential by Gary Scott Steffens (Shell)

3:15-3:30 – Questions and Discussion

3:30: Group Photo

3:45-5:45: Poster Session – students, faculty, post-docs (broad, departmental representation); includes snacks and beverages

5:45-7:00: Dinner

7:00-7:45: After-Dinner Presentation – Wasted Opportunities: Why Latin America does not develop its huge hydrocarbon potential? by Francisco J. Monaldi (Rice University), introduction by Provost Miranda (Rice University)

February 26, 2016

8:00-8:30: Registration and Coffee

8:30-11:00: Gulf of Mexico [Moderator – Garry Karner (ExxonMobil)]

8:30-9:00 – Rifting and drifting history in the Gulf of Mexico, and the pursuit of a unified salt deposition model by James Pindell (Tectonic Analysis and Rice University)

9:00-9:30 – Constraints on timing of the rifting, break-up, and spreading of the Mesozoic GoM Basin, Rob Pascoe (Dynamic Group), Nick Kuszniir (Badley Geoscience), Alan Roberts (Badley Geoscience), Andy Alvey (Badley Geoscience)

9:30-10:00 – Coffee Break

10:00-10:30 – The temporal and spatial evolution of reservoirs, traps, and source rocks, northern deep-water Gulf of Mexico by Paul Weimer (University of Colorado), Eric Zimmerman (LLOG, New Orleans), Renaud Bouroullec (TNO, Utrecht), Henry Pettingill (Noble)

10:30-11:00 – Questions and Discussion

11:00-11:30: Rice Earth Science by Richard G. Gordon (Rice University)

11:30-1:00: Lunch

1:00-3:00: History of Geology and Geophysics of the Southern Canadian Rockies by Albert W. Bally, Professor Emeritus, Department of Earth Science, Rice University (2nd Floor Keith-Wiess Geological Labs)

3:00: Awards, Closing Remarks, and Reception (2nd Floor Keith-Wiess Geological Labs)