

Here's what's happening in the

BASIN & RESERVOIR LAB

Professor Grant Wach

January 2018

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Call for Papers Now Open

Deadlines:

Short Abstract March 31, 2018
Extended Abstract May 31, 2018

Themes:

- Geodynamics - Rift to Drift
- Stratigraphy and Sedimentology
- Regional Geology
- Geochemistry and Petroleum Systems
- Exploration Thinking for the Atlantic Conjugate Margins
- Geohazards

Geoscience Data Rooms

Pre-meeting Excursions and Course:



- "Petroleum Systems of the Paleozoic and Mesozoic Basins of Atlantic Canada" (Excursion)
- "Onshore Equivalents of the Cenozoic Reservoir Rocks of the Scotian Basin: Detrital Petrology, Tectonics and Diagenesis" (Excursion)
- Two-day course on "The Geology of Salt Bearing Passive Margins" (Course)

Post-meeting Course and Workshop:



- One-day workshop on "Atlantic Canada Reservoirs, Facies and Sequences" (Workshop)
- Four-day course on "Salt Tectonics: Field Seminars: Diapirs and Associated Deformation" (Course)

conjugatemargins.com



Congratulations



The Basin & Reservoir Lab would like to congratulate Natasha Morrison and wish her all the best as she pursues her career and does her internship with the Nova Scotia Department of Energy.

IN THE NEWS

According to an Energy Department analysis, onshore natural gas resources in the province are worth between \$20 billion and \$60 billion with up to 4.3-trillion cubic feet of it in shale gas that would require hydraulic fracturing to recover. The onshore petroleum atlas was released in January. On January 11th Grant Wach was interviewed by CBC Radio's Bob Murphy discussing the onshore atlas and potential hydrocarbon resources in Nova Scotia.

AGS 44th COLLOQUIUM

The AGS 44th Colloquium and Annual General Meeting will be held in Truro, Nova Scotia on February 02-04, 2018. Grant Wach will be acting as one of the Chairpersons for the session entitled "Methane Emissions from Legacy Fossil Fuel Sites in the Maritimes". The following will be presenting their research from the Basin & Reservoir Lab:

- Ricardo Silva — Lower Jurassic organic matter preservation events and their record offshore Nova Scotia
- J. Carlos Wong — Petroleum System Modelling of Potential Lower Jurassic Source Rocks along the Scotian Margin
- Trevor Kelly — Three-dimensional seismic geomorphology of paralic channel systems, Sable Subbasin, offshore Nova Scotia
- Darragh O'Connor — Sedimentological evidence for Late Triassic (Rhaetian) marine incursion in the Central Atlantic Margin

SPE Distinguished Lecture

On Thursday, January 25, 2018 at the Dalhousie University, Milligan Room, in the Dalhousie Life Sciences Building, Dr. Dave Stern, Reservoir Engineering Advisor, from ExxonMobil Upstream Research Company (URC) gave the first SPE Distinguished Lecture of 2018! The Presentation was entitled: "Creating Geologically Realistic Models Used for Reservoir Management"

The Students & Staff were pleased to have Dave pay a visit to the Basin & Reservoir Lab! Dave's area of Research includes experimental measurement of gas injection performance, development and use of simplified models for reservoir management, gridding and scale-up, and history matching.

