

## David Barthelmy

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**From:** b.180.122999.1243067a6165315e@www.hgs.org on behalf of HGS [webmaster@hgs.org]  
**Sent:** Thursday, November 29, 2012 1:50 PM  
**To:** David Barthelmy  
**Subject:** HGS Events - November 29, 2012



**Don't miss The Holiday Ho-Ho-HoeDown! See below for HGS's holiday party information.**

Membership Renewal is going on now. If you have not renewed your membership to HGS please visit our new website at [www.hgs.org](http://www.hgs.org) and click on renew membership on the front page. If you already have renewed, thank you.

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### Upcoming HGS Events:

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**Monday, December 3, 2012**

**HGS Holiday Party!**

**Holiday Ho-Ho-Hoedown at Blanco's Bar & Grill**

**Register for this event**

GIDDY UP, GIDDY UP, GIDDY UP, LET'S GO! Don't miss the best dang holiday shindig in town! Lasso your posse and mosey on down to Blanco's Bar and Grill. Eat tasty vittles, wet your whistle at the cash bar and get your boots a scootin' on the dance floor.

**Monday, December 10, 2012**

**HGS General Dinner**

**Shelf-to-Basin Depositional Systems: Analogs for Deep-water Reservoirs Systems from the Pleistocene of offshore Indonesia**

**Speaker: Art Saller**

**Register for this event**

Pleistocene shelf margin, slope, and basinal strata in offshore East Kalimantan, Indonesia, are clearly imaged in 3D seismic data. These data give insights into controls on slope and basin-floor systems that are major hydrocarbon reservoirs throughout the world. Siliciclastic sequences on the shelf are dominated by progradational packages deposited during highstands and falling eustatic sea level.

**Wednesday, December 12, 2012**

**Environmental & Engineering**

**Hydraulic Fracturing and Water Resources in Texas**

**Speaker: Bridget R. Scanlon, J.P. Nicot, and Ian Duncan Bureau of Economic Geology, Jackson School of Geosciences, University of Texas at Austin**

**Register for this event**

Population growth and overall increase in water demand in the state of Texas has drawn attention to a seemingly new water user: the oil and gas industry. Historically using fresh water to initiate waterfloods in West Texas, the

industry's water needs have switched to hydraulic fracturing in many plays across the state in the past decade. They include the so-called shale plays such as the Barnett, Haynesville, Eagle Ford, and Wolfcamp plays but also tight gas and tight oil such as the Cotton Valley in East Texas and the Spraberry in West Texas.

**Tuesday, December 18, 2012**

**HGS Northsiders Lunch**

**Reservoir Characterization and Modeling of Upper Jurassic Microbial Carbonate Reservoirs, Northern Gulf of Mexico**

**Speaker: Ernest A. Mancini, Berg-Hughes Center and Department of Geology and Geophysics, Texas A&M University, College Station, TX**

**[Register for this event](#)**

In the northern Gulf of Mexico, Upper Jurassic Smackover carbonate ramp, shallow-water microbial buildups developed on paleotopographic paleohighs (Paleozoic crystalline basement or Jurassic salt features) or on antecedent depositional topography. These microbialites included calcimicrobes, red algae, foraminifera, sponges, echinoids and bivalves and attained a thickness of 58 m. Buildups were best developed on a hard substrate during a rise in sea level under initial zero to low background sedimentation rates in low-energy and fluctuating environmental conditions. Extensive microbial growth occurred in response to available accommodation space. The demise of the microbialites corresponded to changes in environmental conditions associated with an overall regression of the sea.

**Monday, January 14, 2013**

**HGS Legends Night 2013**

**Legends of Sedimentology**

**[Register for this event](#)**

HGS invites you to join us for the next of these memorable dinner events which will honor James Coleman from the Coastal Studies Institute at Louisiana State University, Robert Folk of the University of Texas - Austin, Miles Hayes from University of South Carolina, and George Klein of SED-STRAT Geoscience Consultants, Inc. in Houston.

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### **Other Local Events:**

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**December 2-5, 2012**

**2012 32nd Annual GCSSEPM Foundation Bob F. Perkins Research Conference**

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

**[Register for this event](#)**

During the past decade, numerous discoveries have been made in many deep-water basins, as well as ongoing significant development of previous discoveries. With many new companies operating in deep water globally, we have assembled an outstanding, innovative technical program that summarizes the recent successes globally. Conference proceedings on a DVD will be made available to all attendees as part of the conference registration. We will present papers that document some or all aspects of the petroleum systems of deep-water margins with major production and/or discoveries. These aspects may include source rocks, seals, hydrocarbon generation and migration, reservoirs, and traps.

**December 3-5, 2012**

**Arctic Technology Conference 2012**

**ATC - The E&P industry event for Arctic science and solutions**

**[Register for this event](#)**

The burgeoning Arctic arena offers a host of opportunities for companies that can solve the complex environmental, physical, and regulatory challenges it presents. ATC 2012 will include a highly specialized technical program, education courses, networking events, and an exhibition — all designed to help ensure that oil and gas professionals throughout the world are prepared to succeed in these challenging Arctic arenas.

**Thursday, December 13, 2012**

**SIPES December Luncheon Meeting**

**High Resolution Diffraction Imaging of Small Scale Fractures in the Eagle Ford Unconventional Shale Play**

**Speaker: Alexander Mihai Popovici**

**[More information](#)**

In the year 2000, shale gas represented just one percent of American natural gas supplies. Today, it is 30 percent and the percentage continues to increase. The technology to drill and fracture the shale formations is now exported to the rest of the world, and the national oil and gas reserves have increased in many other countries. The thickness

of the shale formations is often just a few hundred feet, so new high resolution technologies are needed to visualize the structure and the natural distribution and orientation of fractures in these thin shale layers. Diffraction imaging can be used to complement the structural images produced by conventional processing as it generates an additional image volume of high resolution unconformities such as small scale faults and fractures, pinch-outs, or salt flanks.

**January 15-16, 2013**

**AAPG - Fourth Annual AAPG Deepwater Reservoirs Geosciences Technology Workshop**

**Register for this event**

Determination of reservoir connectivity, calculation of pore pressure, illustration of structural subtleties, identification of hazards, and development of accurate images especially subsalt, are each aided by new multi-disciplinary discoveries in science and technology. While new discoveries in West Africa, East Africa, Brazil, and the Mediterranean grab headlines, what is going on behind the scenes can assist everyone who works in deepwater offshore.

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**Other Events:**

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**October 6-8, 2013. New Orleans**

**Gulf Coast Association of Geological Societies and the Gulf Coast Section of SEPM**

**63rd Annual Convention**

**Hosted by the New Orleans Geological Society**

**More information**

Call for Papers! Presentations on all aspects of Gulf Coast geology and related subjects are welcome. Abstracts (not more than 250 words) should be submitted for review online or via email to the technical program chair, George Rhoads [grhoads@chevron.com](mailto:grhoads@chevron.com). Submit abstracts by **December 15, 2012 for the Journal Series**. Submit abstracts by **January 15, 2013 for the Transactions Volume**.

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