

David Barthelmy

From: Web Manager [hgs@schipul.net]
Sent: Wednesday, May 02, 2012 3:44 PM
To: daba@wt.net
Subject: HGS Events in May



Hello David,



HGS GUEST NIGHT

Saturday, May 19, at the Houston Museum of Natural Science

Register family and friends at: <http://www.hgs.org/en/cev/1435>

Most geologists have a natural wanderlust to see new places and different rocks. Imagine the thrill of exploring this planet's last frontier - Antarctica - and doing this partially underwater! This year, the annual Guest Night event will feature Susan R. Eaton who will take us on a journey to the Bottom of the World, sharing her experiences of two Antarctic expeditions. Easton's multi-media presentation is entitled "**A Geoscientist in Antarctica: Following in Shackleton's Footsteps One Hundred Years Later.**" She joined 57 of the world's most celebrated image makers, National Geographic Explorers-in-Residence, scientists, scuba divers and educators, to study climate change and ocean change at the Bottom of the World. During the Antarctic expeditions, Susan emphasized the key role that the disciplines of geology and geophysics play in studying climate change and ocean change in Antarctica and around the world.

Voting for the HGS Officers is now in progress!!

Time to vote for HGS officer candidates! Read about the candidates here:

<http://www.hgs.org/en/art/3156/>. Active members of HGS should have received a ballot link in your email and also a paper ballot by postal mail. Make your choices for HGS officers and directors by May 10, you can click the VOTE button on the HGS homepage and enter your unique voter ID code or mail in your paper ballot to the HGS office. If you are a current, Active HGS member and have problems voting online, please email: webmaster@hgs.org.

Wednesday, May 9

HGS Environmental & Engineering Dinner, at the Black Lab in the Churchill Room

To Gamma or Not To Gamma? 235U Detection Methods

Speakers: Caleb Ames & Alex Ross

Register for this event: <http://www.hgs.org/en/cev/1388>

Gamma logging of uranium ore bodies in disequilibrium is fraught with inaccuracies due to gamma emitting 238U daughter elements such as 214Pb and 214Bi. Disequilibrium is particularly problematic in sandstone: roll front, tabular, paleochannel and calcrete uranium deposits, which account for ~22% of world U308 production. Using gamma logging alone can miss significant uranium zones.

Monday, May 14

HGS General Dinner, at the Hilton Houston Westchase

Marine Mammal Protection in the Gulf of Mexico during Geophysical Surveys

Speaker: Mary Jo Barkaszi, Continental Shelf Assoc.

Register for this event: <http://www.hgs.org/en/cev/1362>

The regulatory environment in the Gulf of Mexico regarding marine mammals is mainly driven by the Endangered Species Act (ESA), and the Marine Mammal Protection Act (MMPA). Under these acts, any human use of the resources within the GOM are subject to evaluation and modification to insure protection of marine protected species. There are at least 29 species of marine mammals and 5 species of marine turtles that occupy Gulf of Mexico waters. All these species are protected under one or both of the federal acts. The Bureau of Ocean Energy and Management (BOEM) is charged with the adherence to these and other federal laws during all exploration and extraction activities.

Tuesday, May 15

HGS Northsiders Lunch at the Hyatt North Hotel

Origin and Distribution of Hydrogen and Water Resources on the Moon

Speaker: William A. Ambrose, Bureau of Economic Geology

Register for this event: <http://www.hgs.org/en/cev/1380>

Although water on the Moon has been verified only recently from the LCROSS, Lunar Crater Observation and Sensing Satellite, mission in 2009, it was hypothesized more than 50 years ago to occur in cold traps in polar regions (Watson and others, 1961; Fig. 1). Water is an important resource in space exploration. In addition to the ability to sustain human settlements, hydrogen and oxygen in water are sources for rocket propellants that might be manufactured on the Moon and contribute to overall reduction of space-transportation costs.

Monday, May 21

Please note the Bulletin calendar is incorrect, the talk is May 21 not May 28.

HGS North American and International Joint Dinner, at the Hilton Houston Westchase

Impact of the Laramide Orogeny upon the Petroleum Geology of Sedimentary Basins North of the Earth's Equator

Speaker: Steven Getz, Oil & Gas Exploration Consultant

Register for this event: <http://www.hgs.org/en/cev/1373>

Laramide-aged movements have caused widespread effects upon the petroleum geology of the Earth's northern hemisphere. Some geoscientists have stated that the Laramide movement series began near the end of the Santonian (when the Sierra Nevada batholith formed in the western United States) and continued sporadically through the middle Oligocene. This talk, however, will only discuss the main Laramide movements that structured the western margins of the North American, South American, Eurasian, and African continents from the late middle Maastrichtian to the end of the late Eocene.

Wednesday, May 30

HGS General Lunch at the Petroleum Club of Houston

Natural Fractures in Resource-Play Shales

Speaker: John Lorenz, FractureStudies, LLC

Register for this event: <http://www.hgs.org/en/cev/1354>

Examples from cored shale formations show that natural fractures in resource-play shales are as varied as the formations that fit into the basket term "shale". One type of extension fracture is only millimeters to centimeters tall, being restricted to the thinner, more brittle beds. These formed so early in the depositional history of a unit that they were spectacularly folded and sheared during final compaction of the formation.

TechnoFest Conference and Exhibit, at the Westin Galleria

Thursday, July 12

Register for this event: <http://www.hgs.org/en/cev/1458>

The HGS Emerging Technologies Group is inviting you to come and explore the latest and greatest in technology and research within the Oil and Gas Community at the 2012 TechnoFest Conference and Exhibit. Exploration and exploitation takes an integrated approach across many scientific disciplines. Therefore, the breadth of the

conference now extends across disciplines of Geology, Geophysics and Engineering.

To be a Sponsor go to this link for a form:

<http://www.hgs.org/attachments/calendarevents/1458/TechnoFest%202012%20Sponsorship%20Form.pdf>

To be a Vendor go to this link for a form:

<http://www.hgs.org/attachments/calendarevents/1458/TechnoFest%202012%20Vendor%20Form.pdf>

Upcoming Conferences and Events to plan for:

GSH Golf Tournament

Kingwood and Deerwood Country Club

Monday, May 7

Register for this event, <http://www.gshtx.org/en/cev/796>

You are cordially invited to the 2012 Geophysical Society of Houston Golf Tournament on May 7, 2012 at the Kingwood and Deerwood Country Clubs. This year's tournament promises to be a great event with more (quicker) door prizes and several enhancements to the golf tournament. We will be utilizing all 3 courses at Kingwood plus the Deerwood Country Club. Breakfast will be served at both clubs, prior to play and is included in the entry fee! Please note the earlier tee times. This will allow people to get home at a decent time.



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