

**CENTRAL AND EASTERN GULF REGION
PETROLEUM TECHNOLOGY TRANSFER COUNCIL
and
THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS**

Announce a Technology Workshop

**“Sequence Stratigraphy and Its Application to Petroleum Exploration in Onshore Mesozoic Salt Basins,
Gulf Coastal Plain”**

August 6, 2008

9:00 AM–3:00 PM

Room 101	August 6, 2008	University of Alabama
Bevill Building	9:00 am – 3:00 pm	Tuscaloosa, Alabama

Workshop Description

The formulation of a chronostratigraphic framework is fundamental to the correlation of strata, for the interpretation of the geologic history of a region, and in the development of a petroleum exploration strategy for a sedimentary basin. Third-order (1 to 10 million years in duration), unconformity-bounded depositional sequences as recognized in seismic reflection sections are generally utilized to provide the sequence stratigraphic component in establishing such a framework. These depositional sequences have provided a reliable means to perform stratigraphic analysis and to correlate marine facies deposited in shelf environments (transgressive and highstand systems tracts deposits) with those that accumulated in slope and abyssal plain environments (lowstand systems tract deposits). In studying Upper Jurassic and Cretaceous strata from shelfal areas of the Gulf Coastal Plain that are characterized by Mesozoic non-marine to marine siliciclastic and carbonate deposition and in which stratal patterns are driven by low-frequency, tectonic-eustatic events associated with post-rift, passive margin conditions, a stratigraphic analysis based on transgressive-regressive (T-R) sequences integrated with biostratigraphy has utility as a method for establishing a chronostratigraphic framework for petroleum exploration in the interior salt basins of the Gulf Coastal Plain. The purpose of this workshop is to demonstrate the utility of employing a T-R sequence stratigraphic methodology in exploring for oil and gas in the Mesozoic basins of the Gulf Coastal Plain. This is accomplished through examination of case studies for Upper Jurassic, Lower Cretaceous and Upper Cretaceous strata. The workshop will be conducted by Ernest A. Mancini, University of Alabama.

It is essential that we have an accurate accounting of those who plan to attend the workshop. Therefore we request a reply no later than August 1, 2008. Please send in the attached form with payment to Ernest A. Mancini or email him at the address below confirming your interest to attend.

**Box 870338
Tuscaloosa, AL 35487**

E-mail: emancini@geo.ua.edu

Workshop Registration Form— August 6, 2008
(Please type or print requested information and provide complete mailing address.)

Name		
(Last)	(First)	(Middle)
Affiliation		
Mailing Address		
City	State	Zip Code
Telephone	Fax	E-mail
Preferred Name on Badge		

There is a **\$25.00** registration fee to attend the workshop. Please make your check payable to: **PTTC**. Fee is waived for students. We look forward to your participation.