

Sequence Stratigraphy Short Course

19. - 20. April 2012

Dates: Thursday, 19 April–Friday, 20 April

Time: 08:00–17:00

Instructor: Vitor Abreu (ExxonMobil Exploration Company, Houston, Texas)

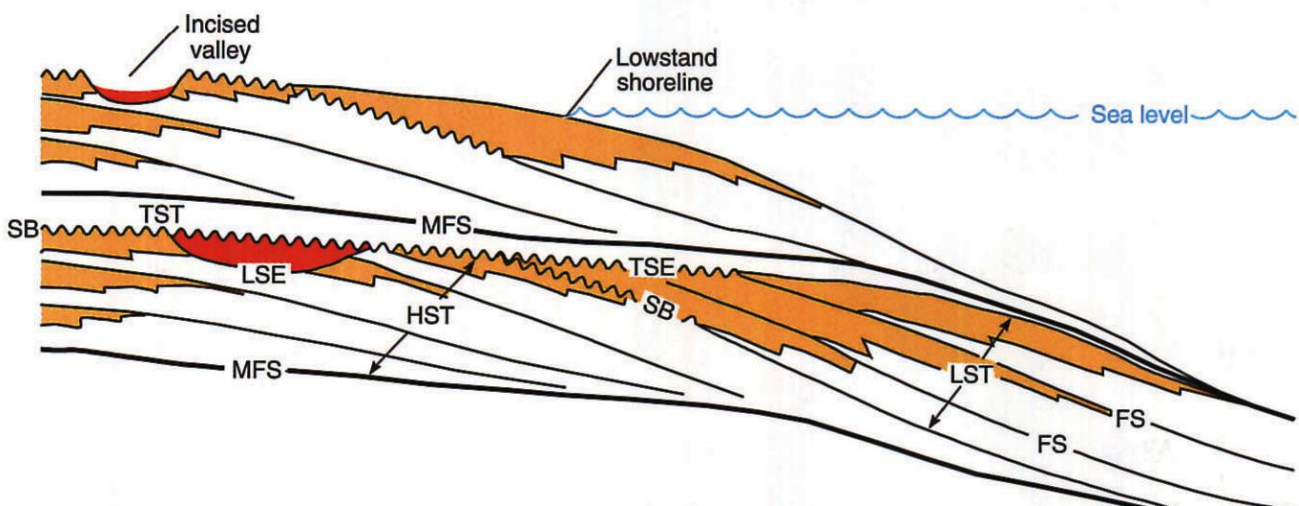
Limit: 20 people

Sequence stratigraphy is an informal chronostratigraphic methodology that uses stratal surfaces to subdivide the stratigraphic record. This methodology allows the identification of coeval facies, documents the time-transgressive nature of classic lithostratigraphic units, and provides geoscientists with an additional way to analyze and subdivide the stratigraphic record.

Using exercises that utilize outcrop, core, well log, and seismic data, the course provides a hands-on experience to learning sequence stratigraphy. The exercises include classic case studies from which many sequence stratigraphic concepts were originally developed.

The main objectives of the course are to review:

- Basic concepts and terminology of sequence stratigraphy.
- The stratigraphic building blocks of depositional sequences.
- Recognition criteria for the identification of depositional sequences and their components in outcrops, cores, well logs and seismic.
- The application of sequence stratigraphy in non-marine, shallow marine, and submarine depositional settings.



Zielgruppe: Masterstudenten mit abgeschlossenem Modul Sedimentologie und Stratigraphie (V+GP) und Doktoranden

Verbindliche Anmeldung: bis **1. April** (mit Name, Matrikelnr., Semester) per mail an: martin.homann@fu-berlin.de

Kosten: 60 € für das 226-seitige Arbeitsbuch, *Sequence Stratigraphy of Siliciclastic Systems*