

Basic Course :: Carbonate Rocks

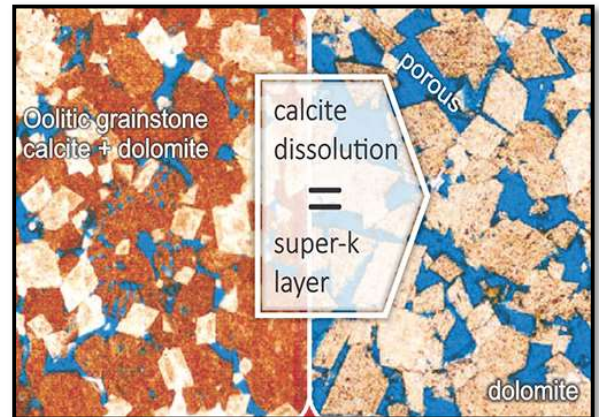
Fundamentals of sedimentary processes and carbonate deposits.

Course type: LIVE STREAMING (05 days, 20 hours)

Classes in preparation

Time: 14 - 18h (Brazilian time zone)

Cost: € 750 + VAT



Objectives

Upon completing this course, participants are expected to:

- Understand sedimentary processes and their results (depositional facies and sedimentary surfaces),
- Recognize facies associations that make up marine and lacustrine carbonate depositional systems,
- Understand the logic of stratal stacking related to regression and transgression,
- Understand the effects of diagenesis on the formation of carbonate reservoir rocks.

Content

- Basic principles of carbonate sedimentation.
- Origin and characterization of the constituents of carbonate rocks.
- Classification of carbonate rocks.
- Types of porosity.
- Near-surface diagenesis and late diagenesis.
- Dolomitization processes.
- Velocity analysis in carbonate rocks.
- Marine and lacustrine facies and depositional systems.
- Examples of carbonate oil reservoirs in Brazil and around the world..

Who should participate

Geologists, geophysicists and engineers who work in the exploration and production of hydrocarbons and other natural resources.

Instructor

- **Gerson J. S. Terra, MSc**